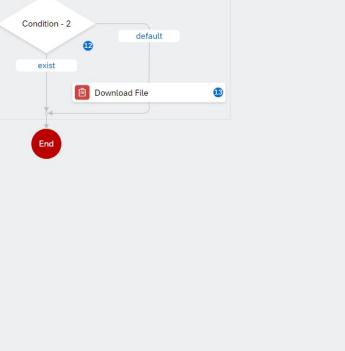
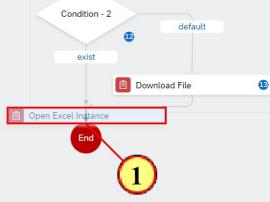
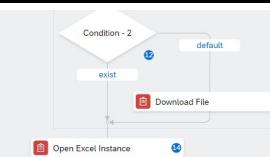
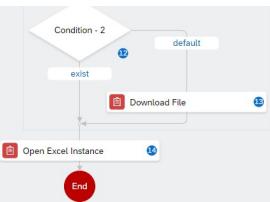
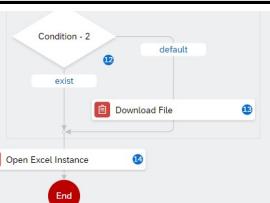
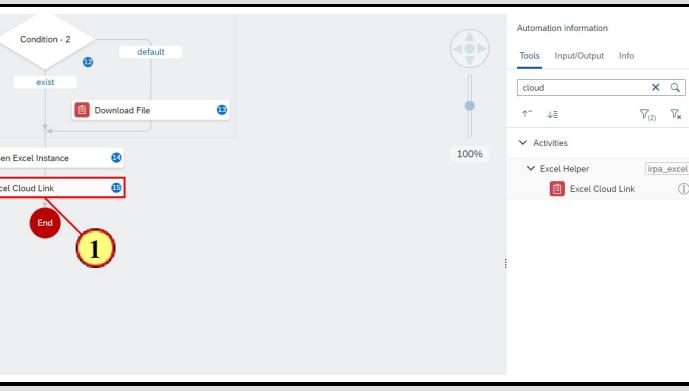
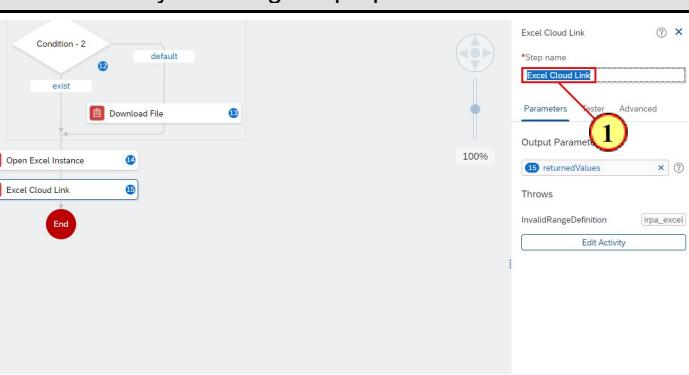
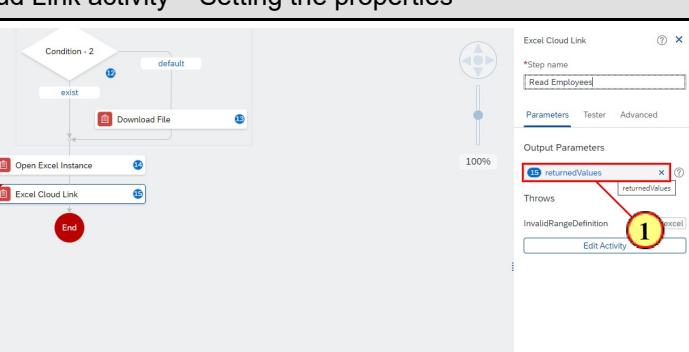
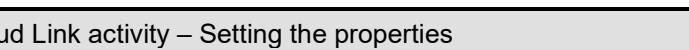
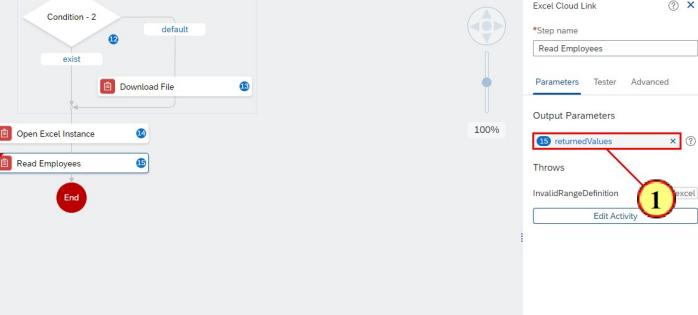
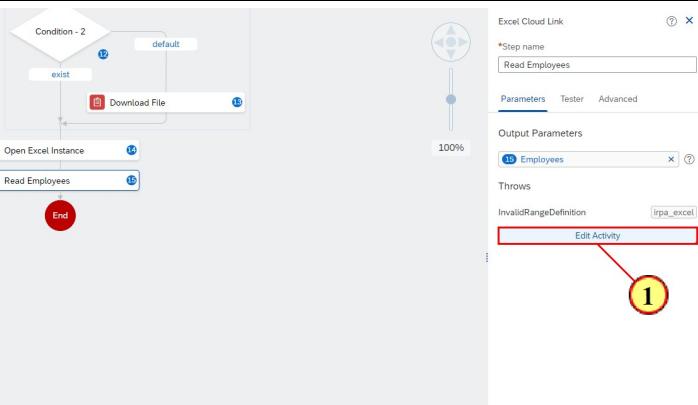
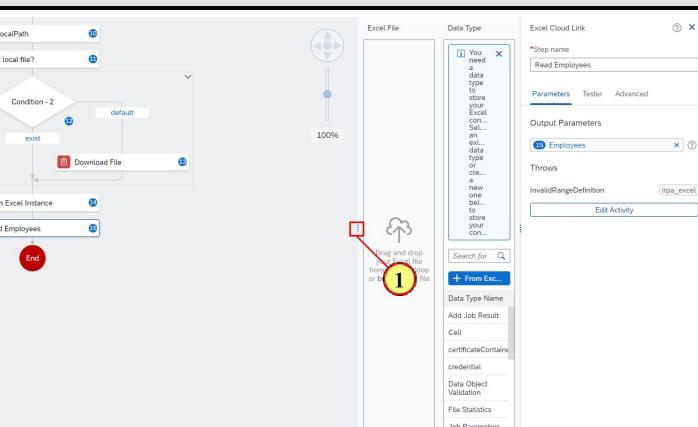
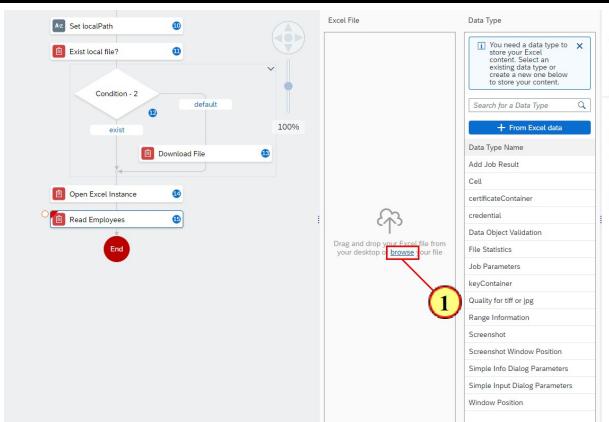
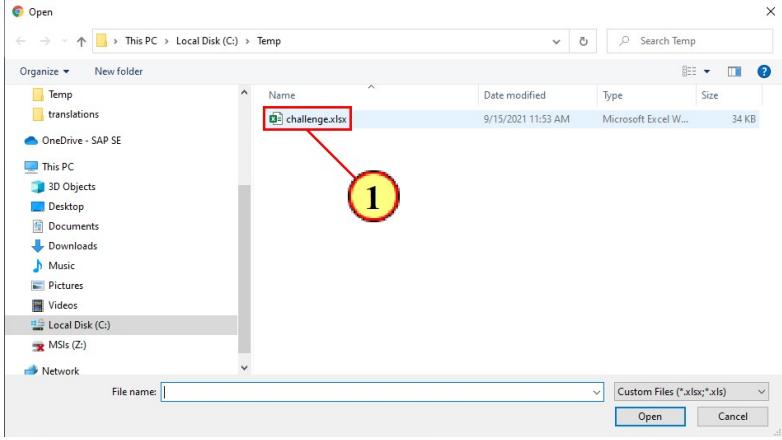
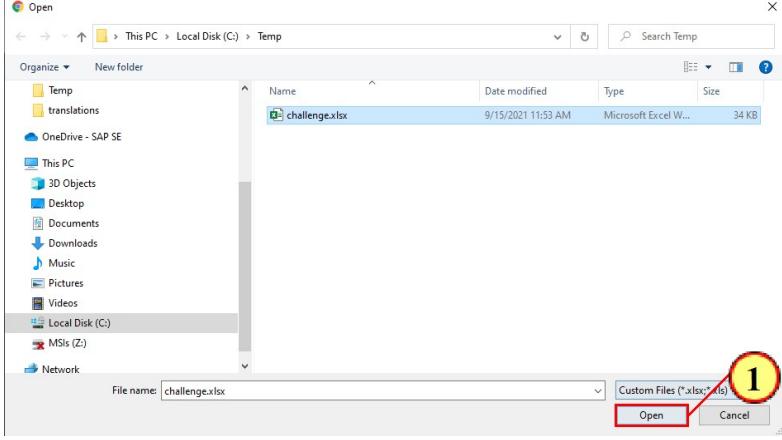


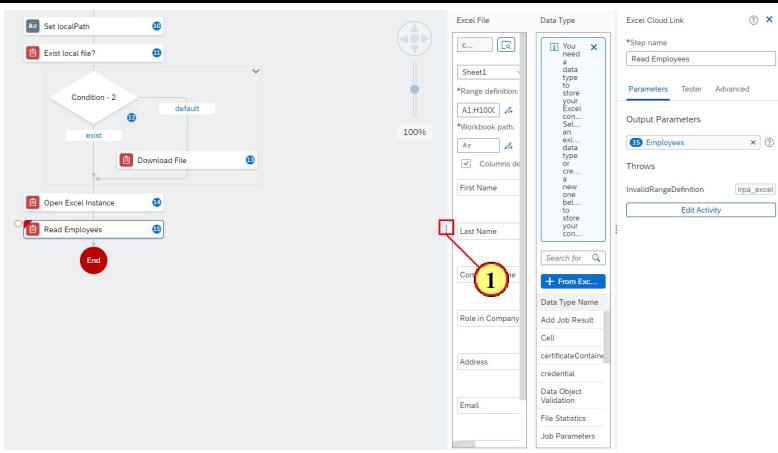
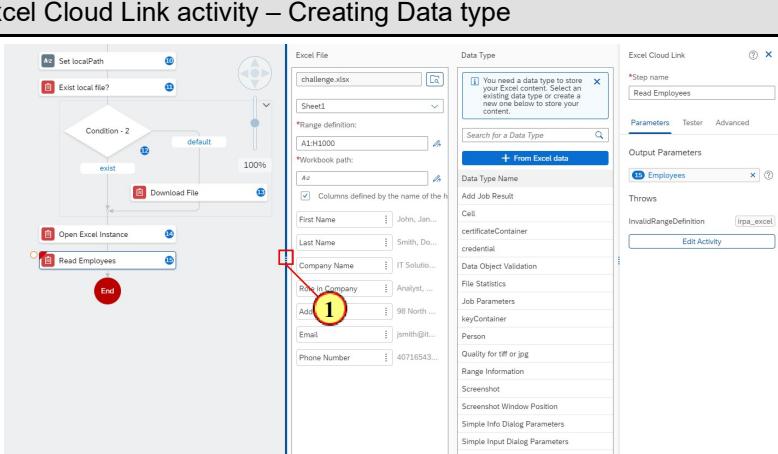
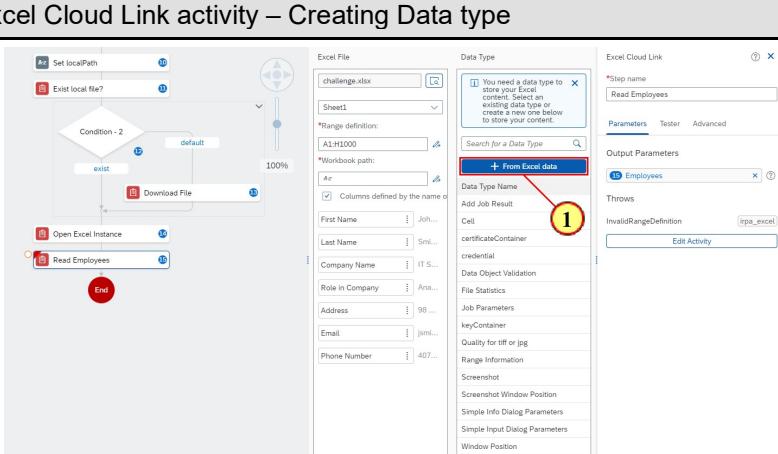
Explanation	Screenshot
RPA Challenge – Cloud Studio – Add Open Excel Instance activity	
(1) Scroll down to make space below the workflow	
RPA Challenge – Cloud Studio – Add Open Excel Instance activity	
(1) Search for Open Excel Instance activity	
RPA Challenge – Cloud Studio – Add Open Excel Instance activity	
(1) Drag the activity	
RPA Challenge – Cloud Studio – Add Open Excel Instance activity	

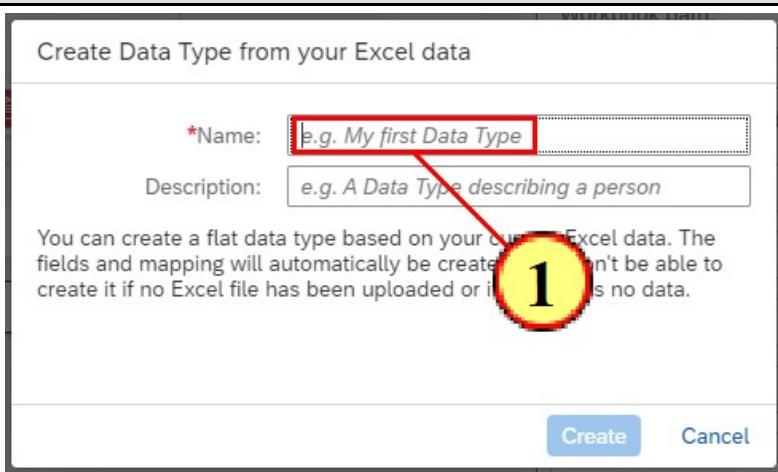
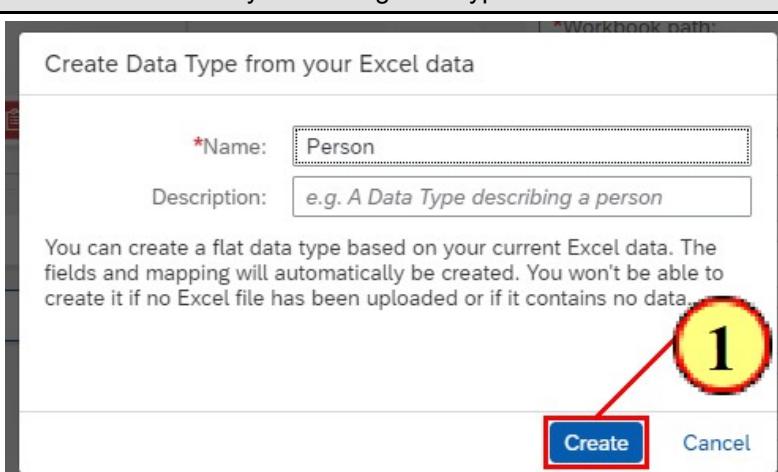
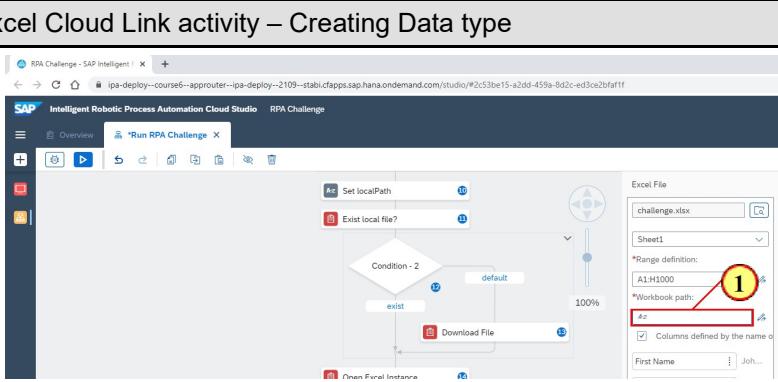
Explanation	Screenshot
(1) Drop it into the workflow after the Condition activity	 <div style="border: 1px solid #ccc; padding: 5px; margin-top: 10px;"> RPA Challenge – Cloud Studio – Add Excel Cloud Link activity </div>
(1) Clear the search field	 <div style="border: 1px solid #ccc; padding: 5px; margin-top: 10px;"> RPA Challenge – Cloud Studio – Add Excel Cloud Link activity </div>
(1) Search for the Excel Cloud Link activity  This activity is used to map an Excel range to a data type	 <div style="border: 1px solid #ccc; padding: 5px; margin-top: 10px;"> RPA Challenge – Cloud Studio – Add Excel Cloud Link activity </div>
(1) Drag the Activity	 <div style="border: 1px solid #ccc; padding: 5px; margin-top: 10px;"> RPA Challenge – Cloud Studio – Add Excel Cloud Link activity </div>

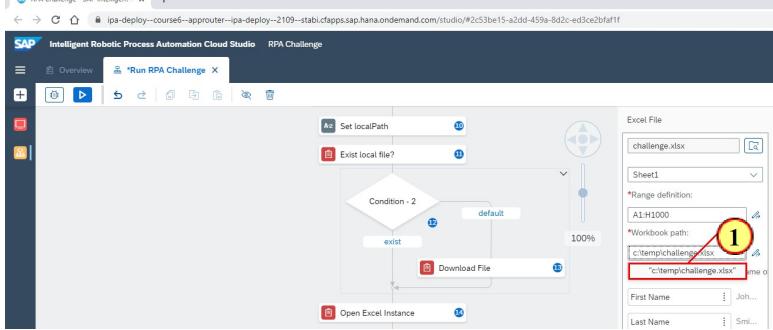
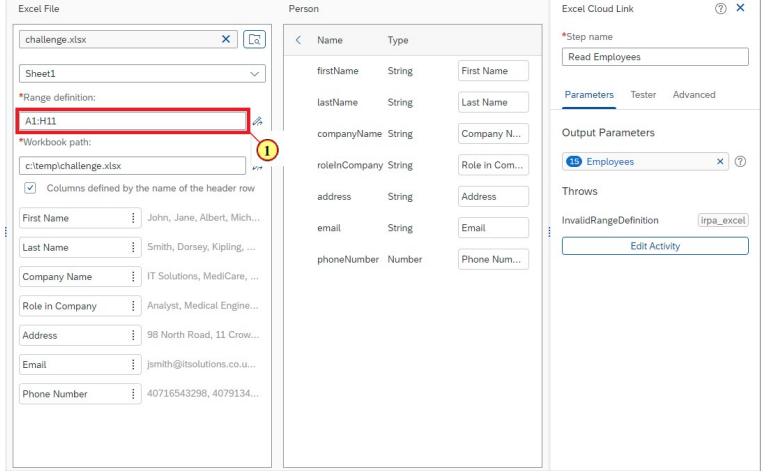
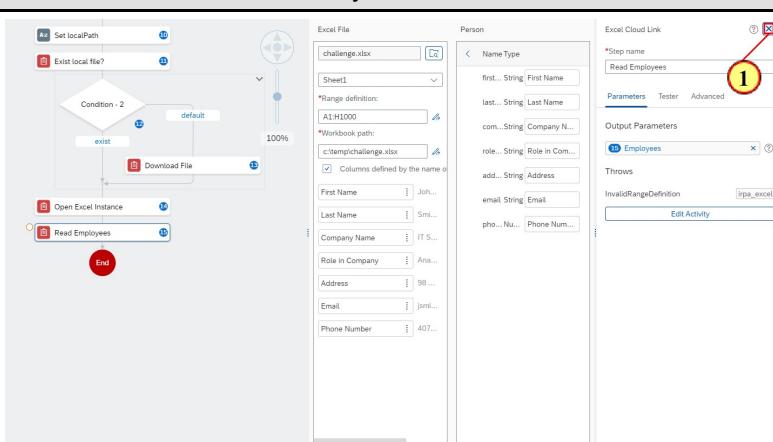
Explanation	Screenshot
(1) Drop it into the workflow after the Open Excel Instance activity	
RPA Challenge – Cloud Studio – Excel Cloud Link activity – Setting the properties	
(1) Click on the activity to set the properties	
RPA Challenge – Cloud Studio – Excel Cloud Link activity – Setting the properties	
(1) Click on the Step name and rename it to Read Employees	
RPA Challenge – Cloud Studio – Excel Cloud Link activity – Setting the properties	

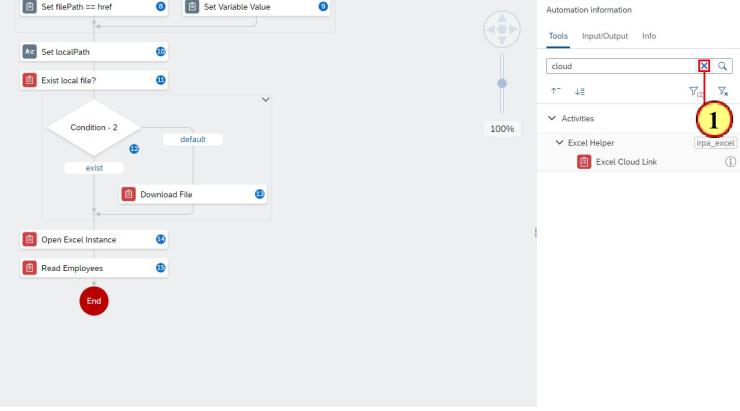
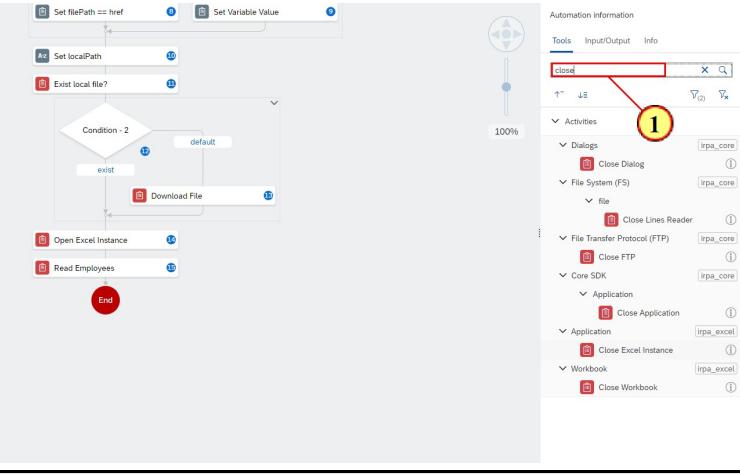
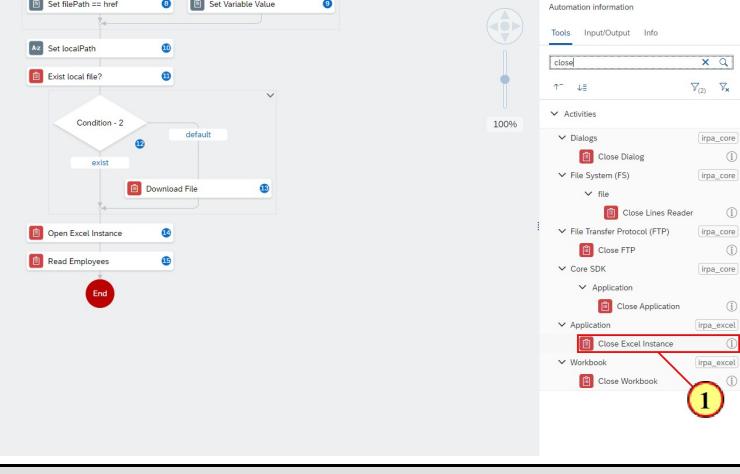
Explanation	Screenshot
(1) Rename it to Employees	
RPA Challenge – Cloud Studio – Excel Cloud Link activity – Setting the properties	
(1) Click on Edit Activity	
RPA Challenge – Cloud Studio – Excel Cloud Link activity – Setting the properties	

Explanation	Screenshot
(1) Click on browse	
Selecting the Excel file	
(1) Select Challenge.xlsx	
RPA Challenge – Cloud Studio – Excel Cloud Link activity – Creating Data type	

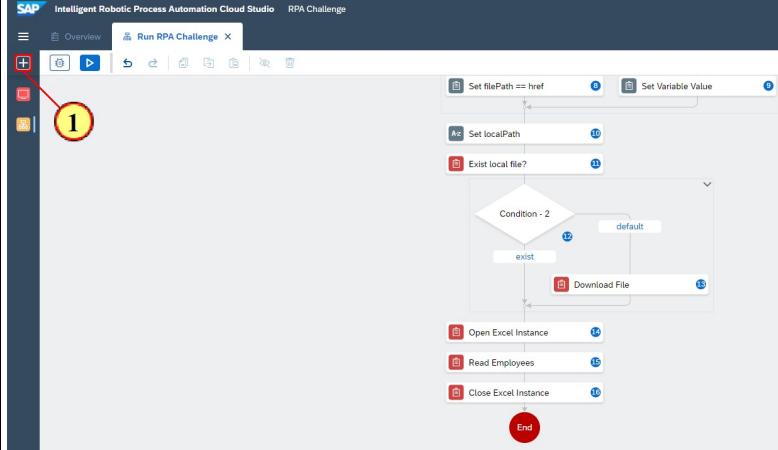
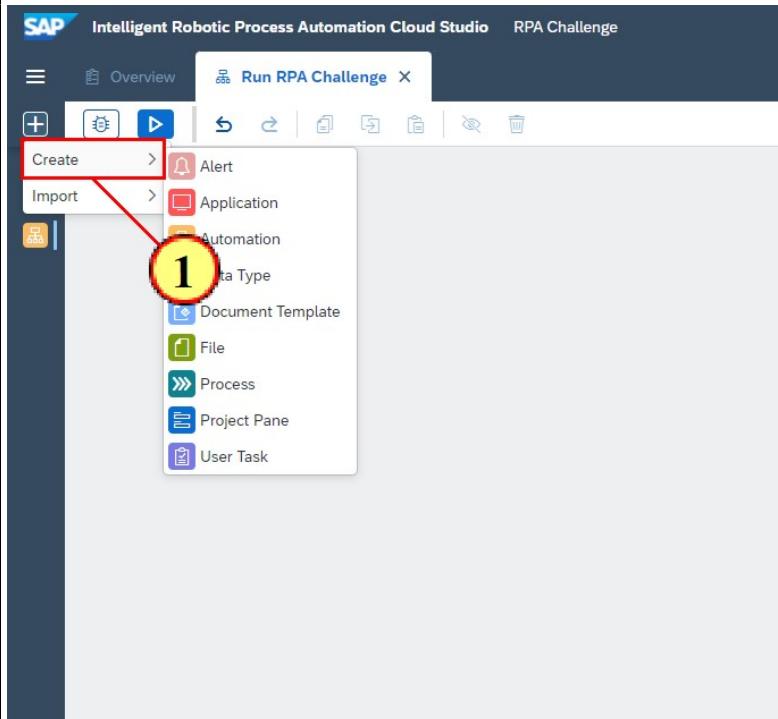
Explanation	Screenshot
(1) Drag the panel to the left to make more visibility if needed	
RPA Challenge – Cloud Studio – Excel Cloud Link activity – Creating Data type	
(1) Drop where needed	
RPA Challenge – Cloud Studio – Excel Cloud Link activity – Creating Data type	

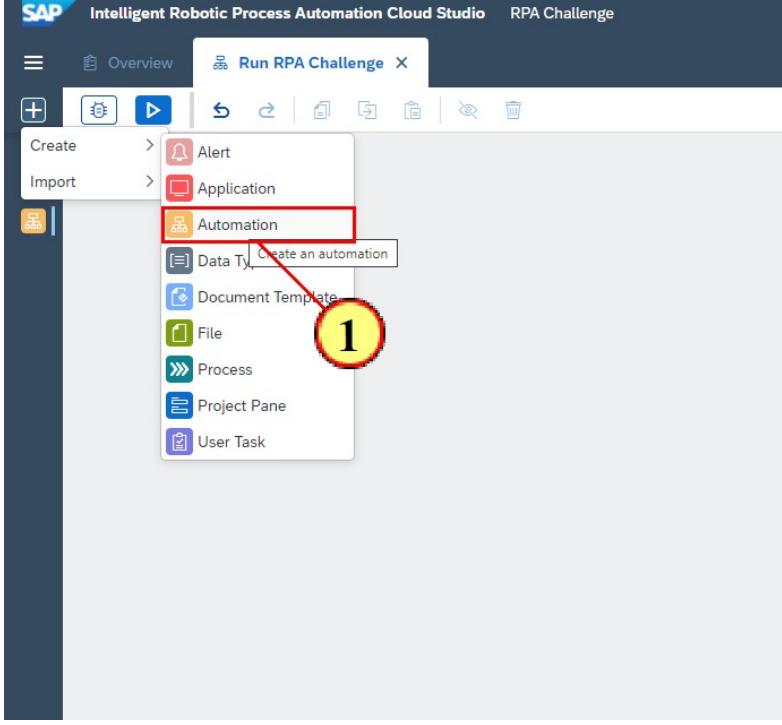
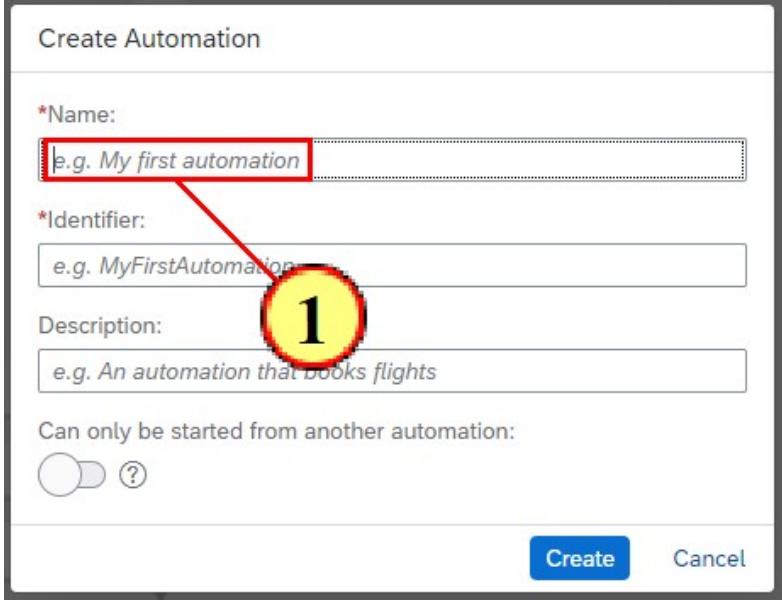
Explanation	Screenshot
(1) Set name to Person	 <p>Create Data Type from your Excel data</p> <p>*Name: e.g. My first Data Type</p> <p>Description: e.g. A Data Type describing a person</p> <p>You can create a flat data type based on your current Excel data. The fields and mapping will automatically be created. You won't be able to create it if no Excel file has been uploaded or if it contains no data.</p> <p>Create Cancel</p>
(1) Click on Create	 <p>Create Data Type from your Excel data</p> <p>*Name: Person</p> <p>Description: e.g. A Data Type describing a person</p> <p>You can create a flat data type based on your current Excel data. The fields and mapping will automatically be created. You won't be able to create it if no Excel file has been uploaded or if it contains no data.</p> <p>Create Cancel</p>
(1) Set the Workbook path to c:\temp\challenge.xlsx	 <p>RPA Challenge - SAP Intelligent ...</p> <p>SAP Intelligent Robotic Process Automation Cloud Studio RPA Challenge</p> <p>Overview *Run RPA Challenge</p> <p>Set localPath Exist local file?</p> <p>Condition - 2 exist default</p> <p>Download File</p> <p>Excel File challenge.xlsx Sheet1 Range definition: A1:H1000 Workbook path: <file> Columns defined by the name of: First Name</p>
RPA Challenge – Cloud Studio – Excel Cloud Link activity – Creating Data type	

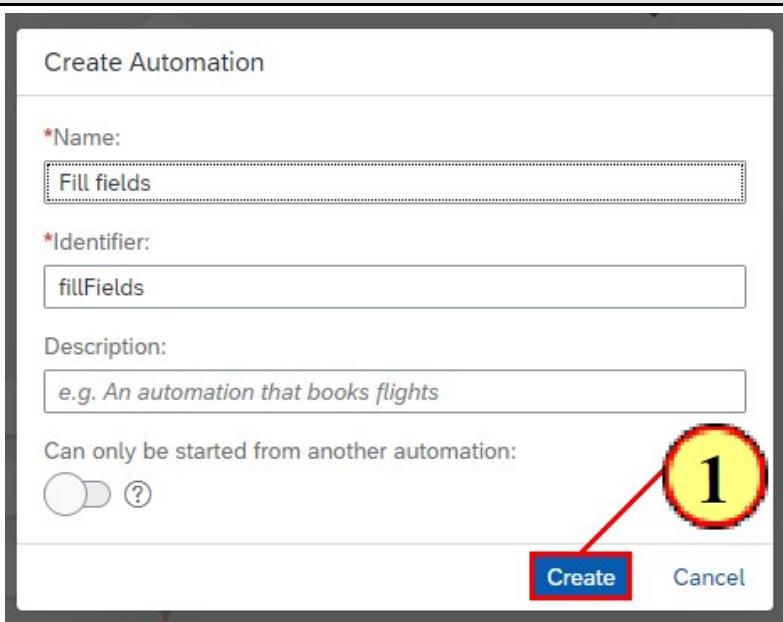
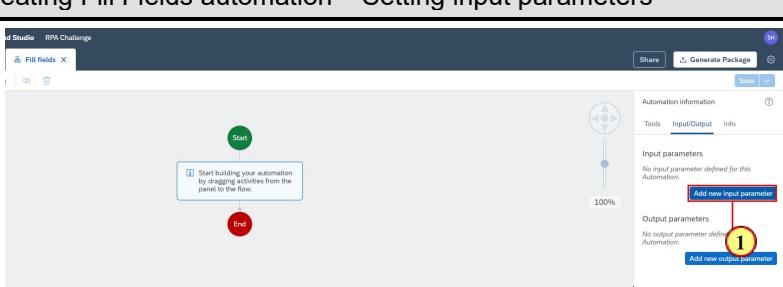
Explanation	Screenshot
(1) Click on the string between quotes	
(1) Set Range definition to A1:H11	
(1) Close the properties panel	
RPA Challenge – Cloud Studio – Add Close Excel Instance activity	

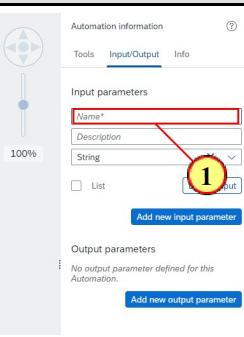
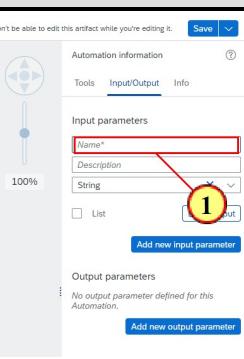
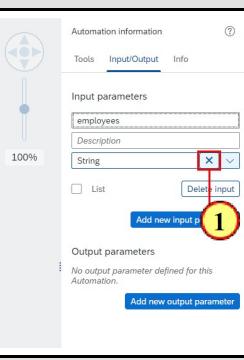
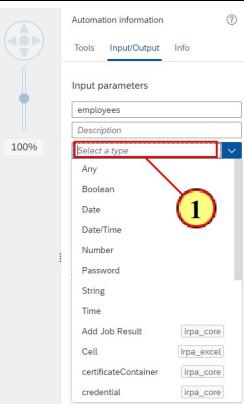
Explanation	Screenshot
(1) Clear the search field	
RPA Challenge – Cloud Studio – Add Close Excel Instance activity	
(1) Search for Close Excel Instance	
RPA Challenge – Cloud Studio – Add Close Excel Instance activity	
(1) Drag the Activity	
RPA Challenge – Cloud Studio – Add Close Excel Instance activity	

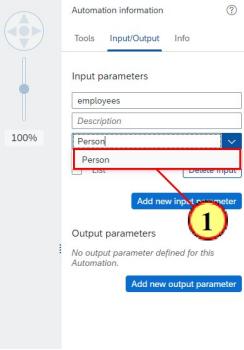
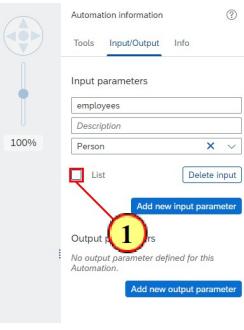
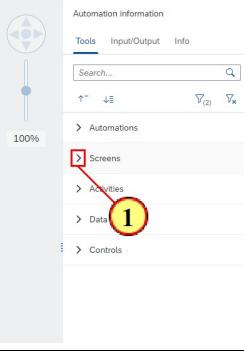
Explanation	Screenshot
(1) Drop it into the workflow after the Read Employees activity	
(1) Click on Save	
<p>At this stage, we need to create a new automation called Fill fields that we will use as a sub-automation inside the Run RPA Challenge automation.</p> <p>Let's do that!</p>	

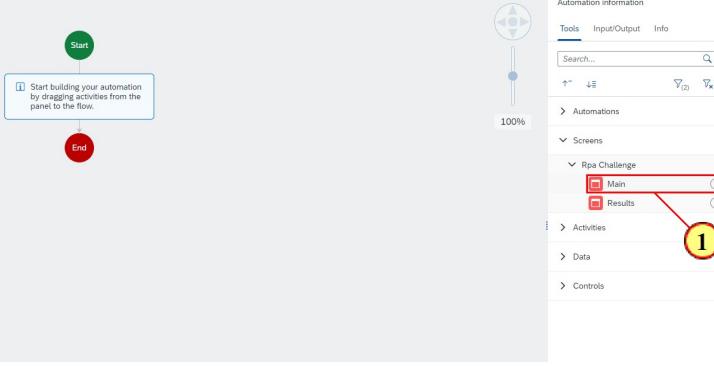
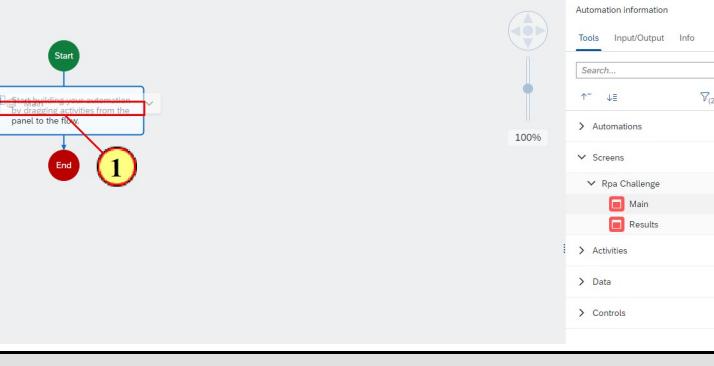
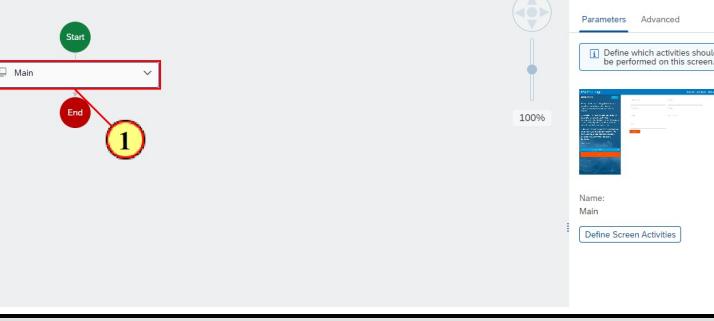
Explanation	Screenshot
RPA Challenge – Cloud Studio – Creating Fill Fields automation	
(1) In SAP Intelligent RPA Cloud Studio, click on the icon 	
RPA Challenge – Cloud Studio – Creating Fill Fields automation	
(1) Then click the Create button on the left-hand side panel. A dropdown menu opens.	
RPA Challenge – Cloud Studio – Creating Fill Fields automation	

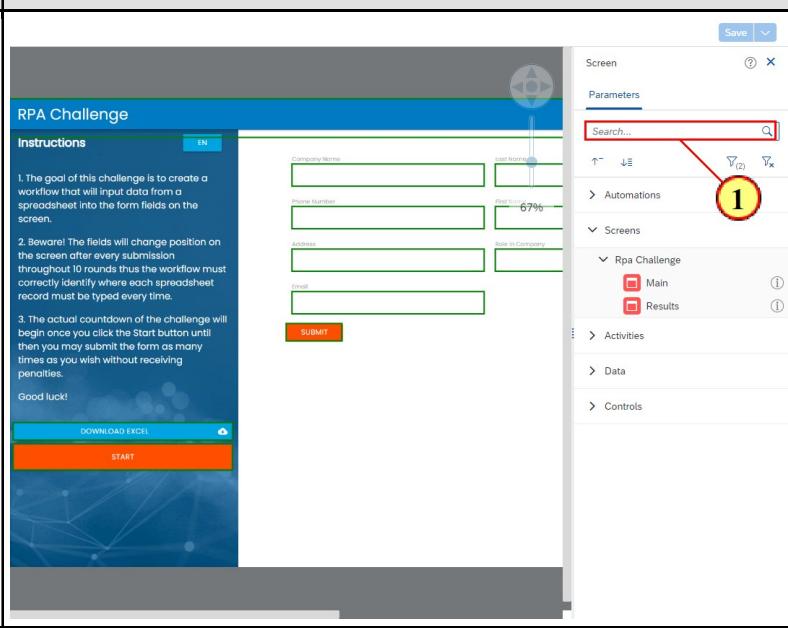
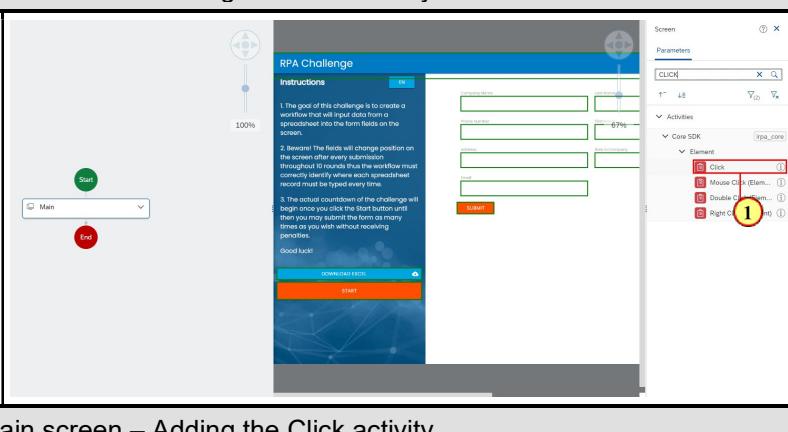
Explanation	Screenshot
(1) Select Automation	
RPA Challenge – Cloud Studio – Creating Fill Fields automation	
(1) Set the Name to Fill fields	 <p>Create Automation</p> <p>*Name: e.g. My first automation</p> <p>*Identifier: e.g. MyFirstAutomation</p> <p>Description: e.g. An automation that books flights</p> <p>Can only be started from another automation:</p> <p>?</p> <p>Create Cancel</p>
RPA Challenge – Cloud Studio – Creating Fill Fields automation	

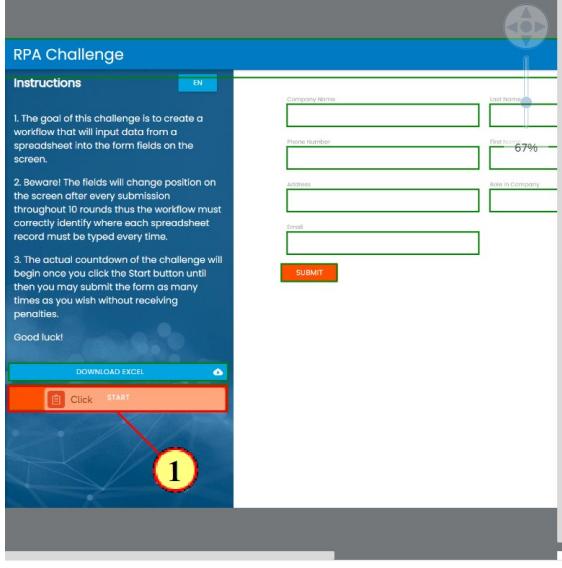
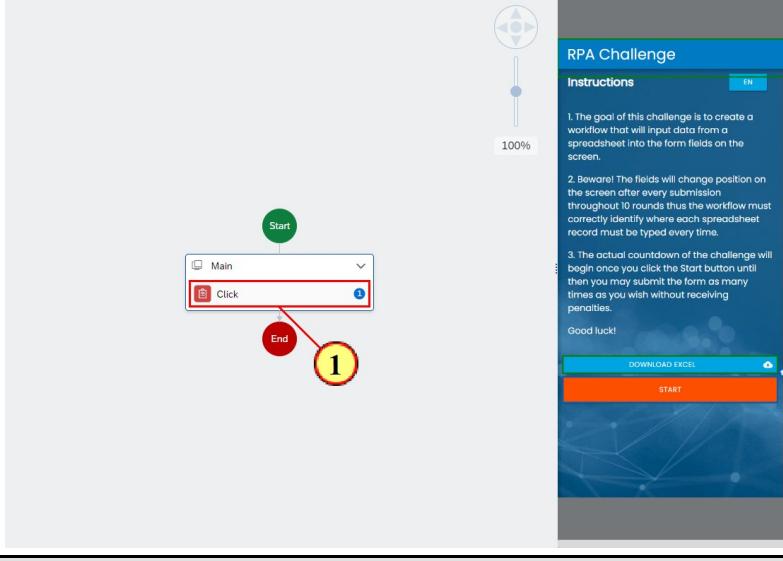
Explanation	Screenshot
(1) Click on Create	
RPA Challenge – Cloud Studio – Creating Fill Fields automation – Setting input parameters	
(1) Click on Input/Output	
RPA Challenge – Cloud Studio – Creating Fill Fields automation – Setting input parameters	
(1) Click on Add new input parameter	
RPA Challenge – Cloud Studio – Creating Fill Fields automation – Setting input parameters	

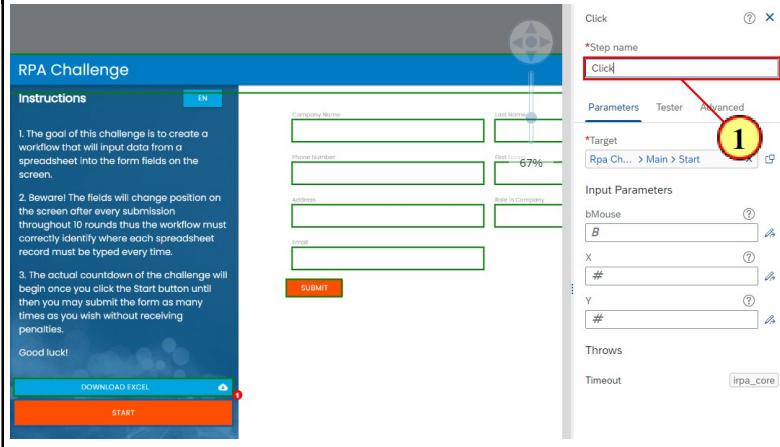
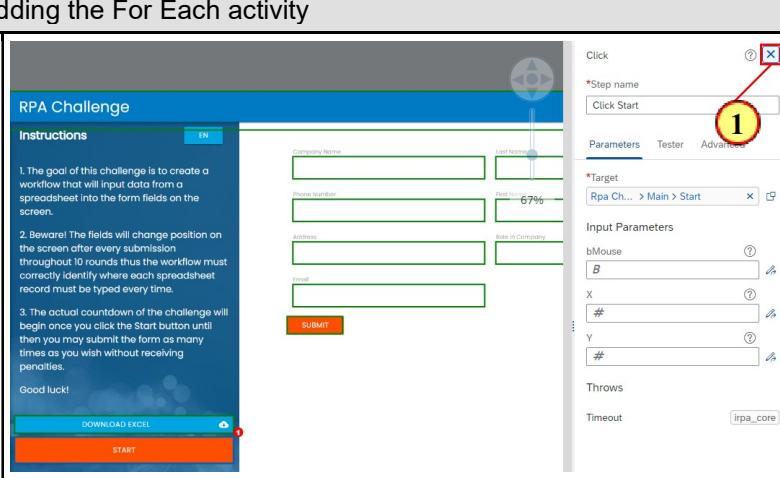
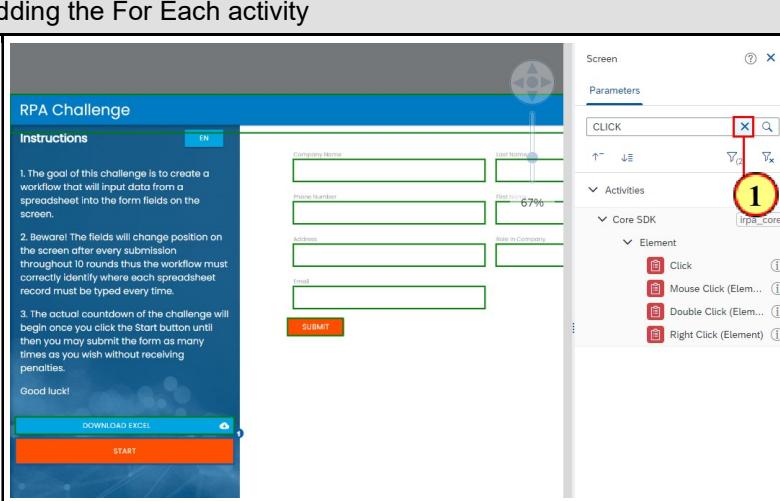
Explanation	Screenshot
(1) Click on the Name parameter	
RPA Challenge – Cloud Studio – Creating Fill Fields automation – Setting input parameters	
(1) Set the Name of the parameter to employees	
RPA Challenge – Cloud Studio – Creating Fill Fields automation – Setting input parameters	
(1) Clear the Data Type parameter	
RPA Challenge – Cloud Studio – Creating Fill Fields automation – Setting input parameters	
(1) Search for Person Data Type	
RPA Challenge – Cloud Studio – Creating Fill Fields automation – Setting input parameters	

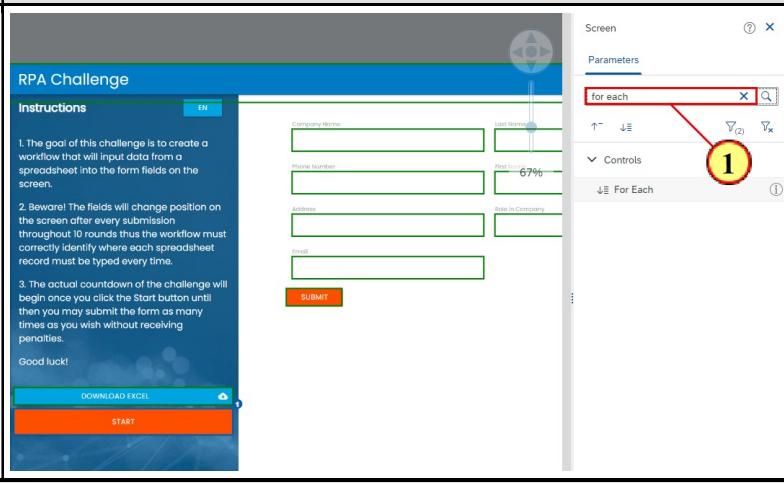
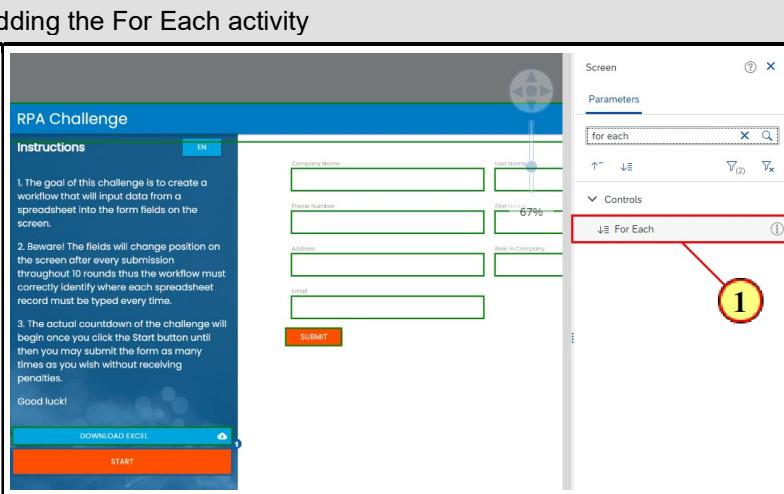
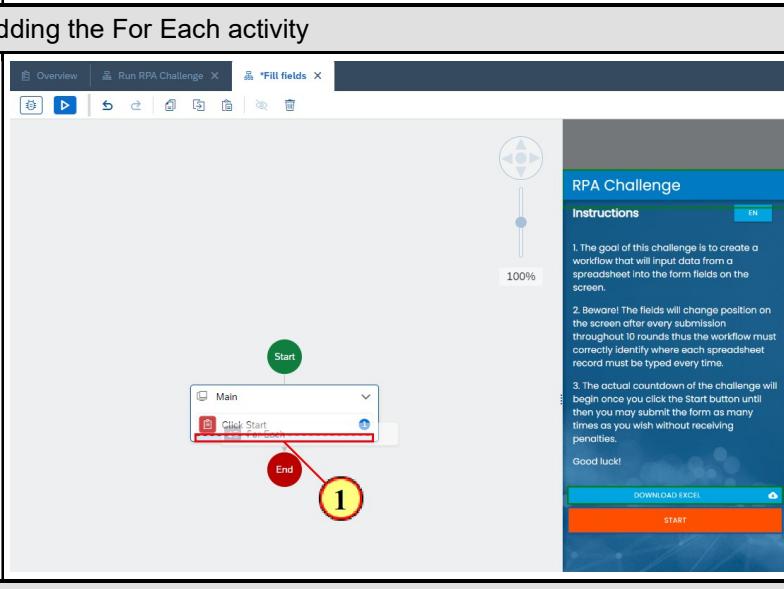
Explanation	Screenshot
(1) Select Person	
RPA Challenge – Cloud Studio – Creating Fill Fields automation – Setting input parameters	
(1) Check List A list is used to pass multiple input values	
RPA Challenge – Cloud Studio – Creating Fill Fields automation – Adding the Main screen	
(1) Click on Tools	
(1) In Automation Information , expand the Screens list on the right-hand side panel	
RPA Challenge – Cloud Studio – Creating Fill Fields automation – Adding the Main screen	

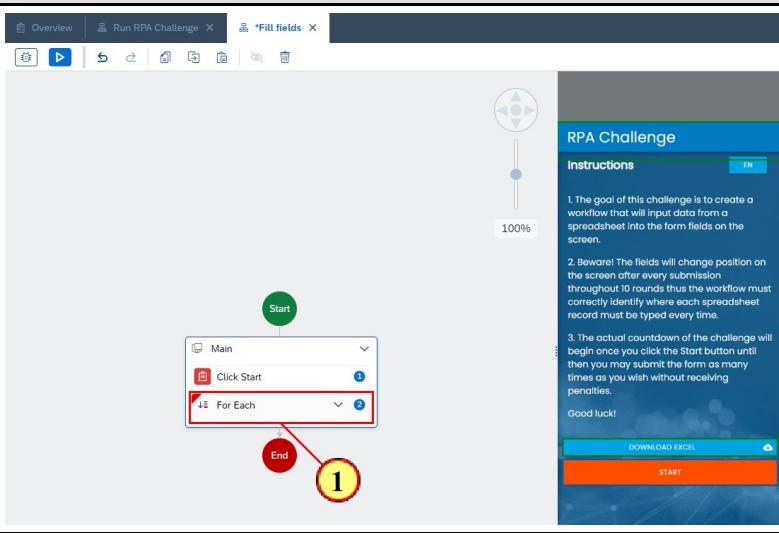
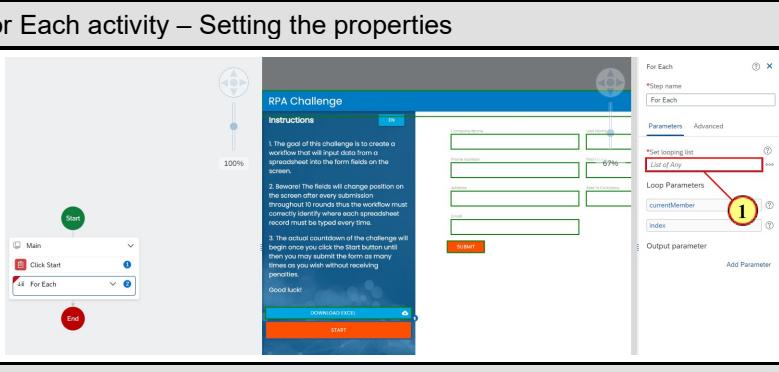
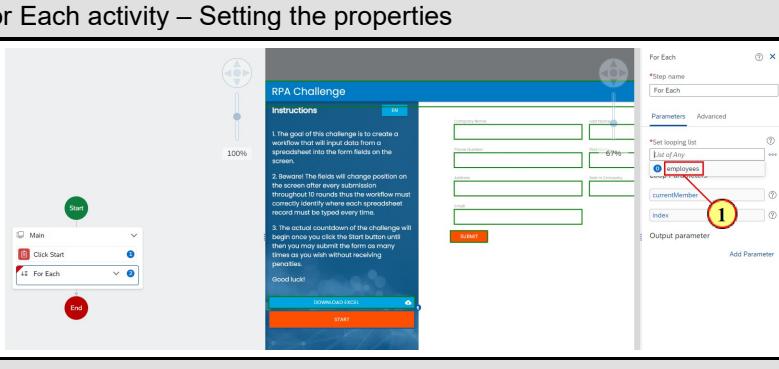
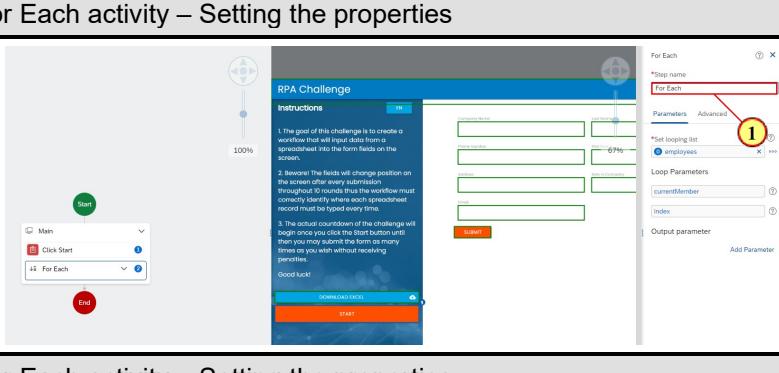
Explanation	Screenshot
(1) Drag the Main screen	
RPA Challenge – Cloud Studio – Creating Fill Fields automation – Adding the Main screen	
(1) Drop it into the workflow	
RPA Challenge – Cloud Studio – Main screen – Adding activities	
(1) Select Main in the workflow and click the Define Screen Activities button on the Screen panel	
RPA Challenge – Cloud Studio – Main screen – Adding the Click activity	

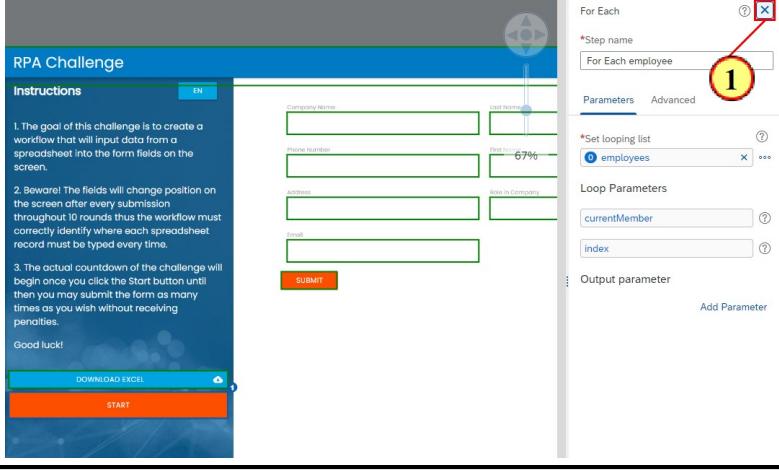
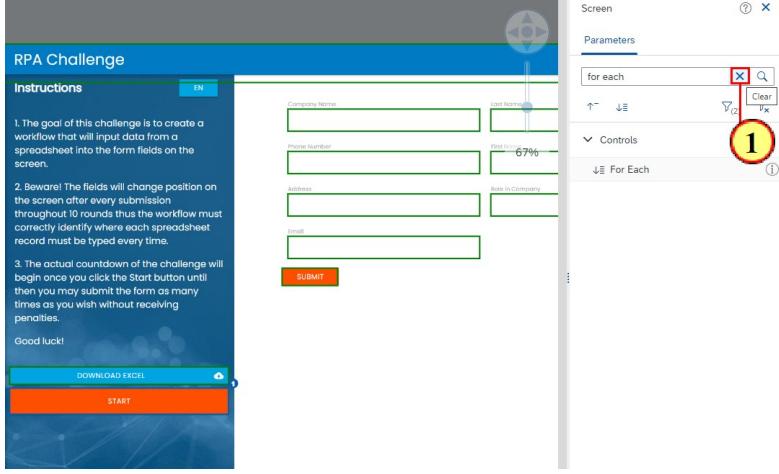
Explanation	Screenshot
(1) Enter Click in the search bar of the Screen panel	
RPA Challenge – Cloud Studio – Main screen – Adding the Click activity	
(1) Choose the Click activity, drag it and	
RPA Challenge – Cloud Studio – Main screen – Adding the Click activity	

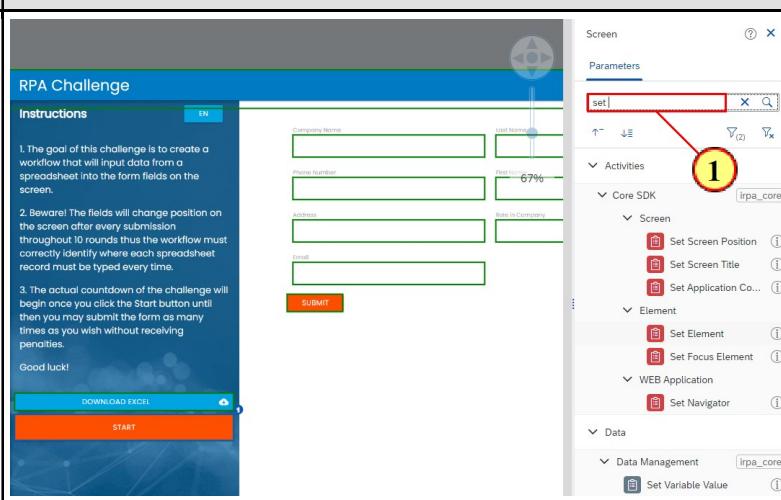
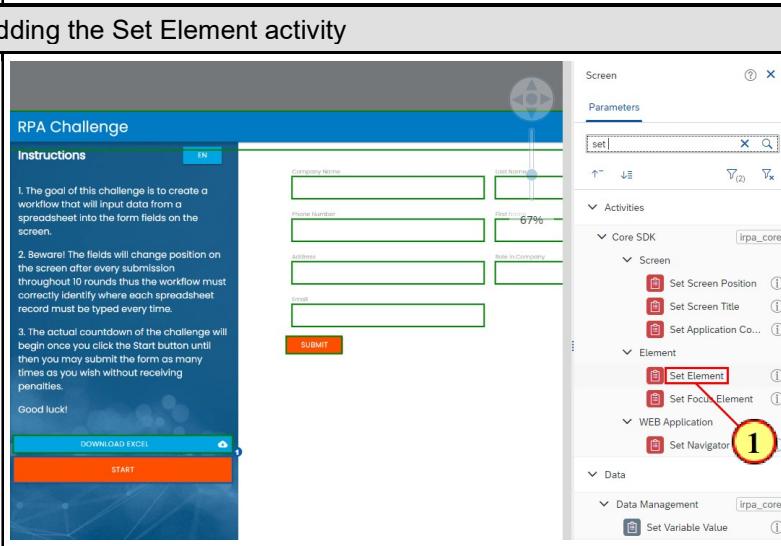
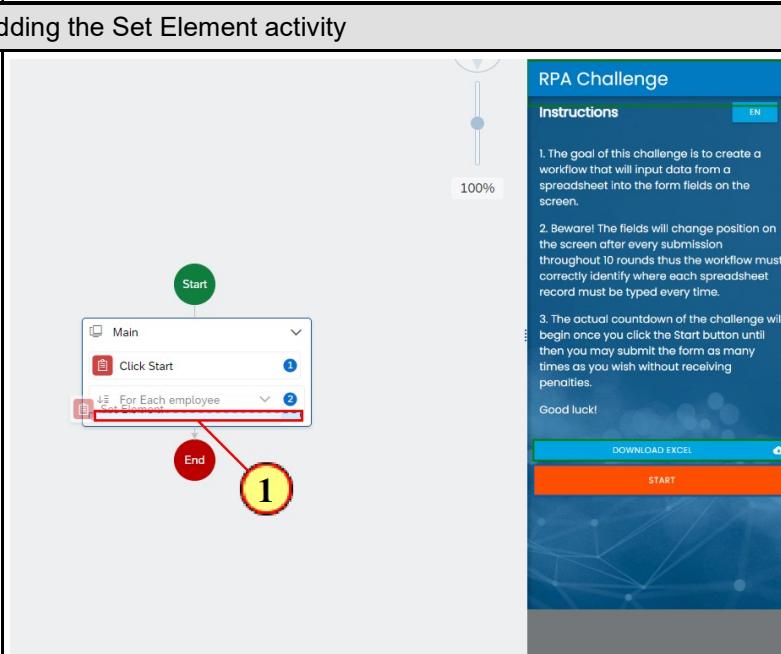
Explanation	Screenshot
(1) Drop it on the element Start button	 <p>The screenshot shows the RPA Challenge screen. On the left, there is a 'Start' button. A red circle highlights this button, and a yellow circle with the number '1' is placed over it. The right side of the screen displays a form with several input fields: 'Company Name', 'Phone Number', 'Address', and 'Email'. Below the form is a 'SUBMIT' button. In the top right corner, there is a 'Parameters' panel for a 'CLICK' activity, showing various options like 'Element', 'Click', 'Mouse Click (Element)', etc.</p>
RPA Challenge – Cloud Studio – Click activity – Setting the properties	
(1) Click on the activity to show the properties	 <p>The screenshot shows the RPA Challenge workflow in Cloud Studio. A red circle highlights the 'Click' activity in the workflow editor. A yellow circle with the number '1' is placed over the 'Click' activity. The workflow consists of a start node, a 'Click' activity, and an end node. To the right of the workflow, the RPA Challenge screen is shown, identical to the one in the previous screenshot.</p>
RPA Challenge – Cloud Studio – Click activity – Setting the properties	

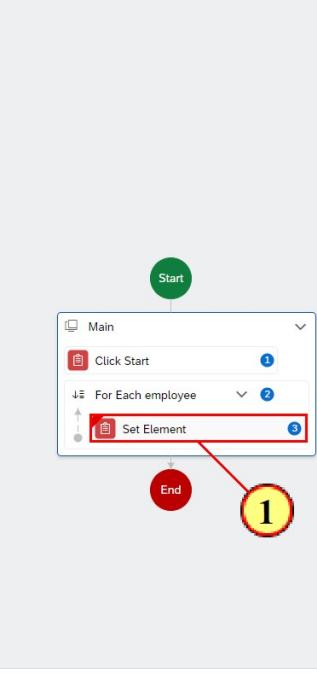
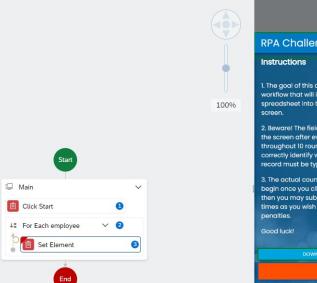
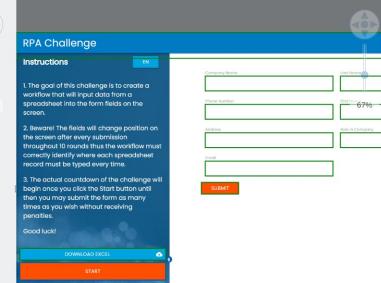
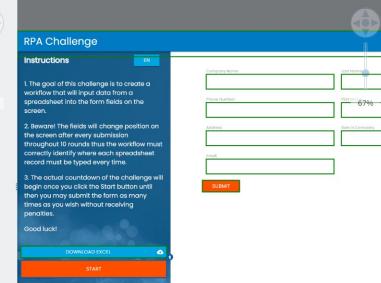
Explanation	Screenshot
<p>(1) Set the Step name parameter to Click Start</p>	
<p>RPA Challenge – Cloud Studio – Adding the For Each activity</p> <p>(1) Close the step properties</p>	
<p>RPA Challenge – Cloud Studio – Adding the For Each activity</p> <p>(1) Clear the search field</p>	
<p>RPA Challenge – Cloud Studio – Adding the For Each activity</p>	

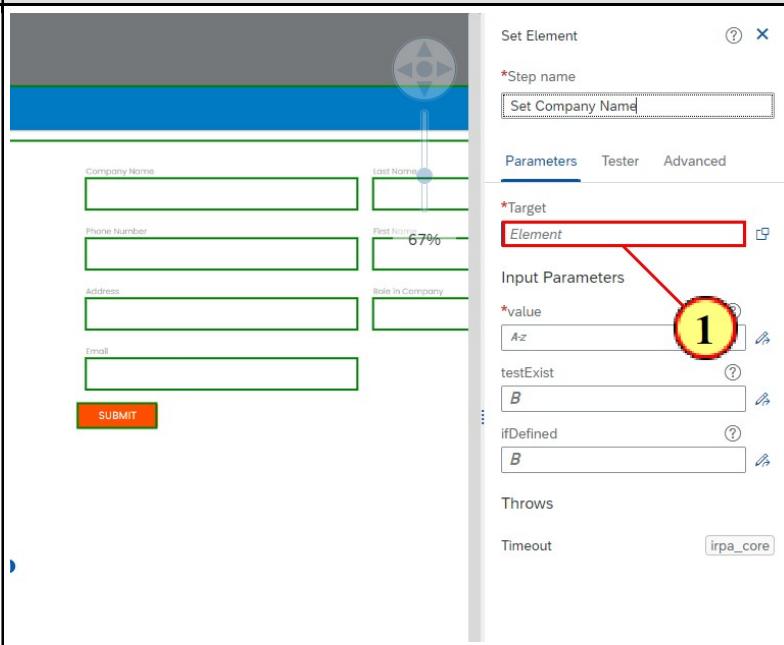
Explanation	Screenshot
<p>(1) Search for For Each</p>	
<p>(1) Drag the Activity</p>	
<p>(1) Drop it into the workflow inside the Main screen below the Click Start activity</p>	
<p>RPA Challenge – Cloud Studio – For Each activity – Setting the properties</p>	

Explanation	Screenshot
(1) Click on the activity to show the properties	
RPA Challenge – Cloud Studio – For Each activity – Setting the properties	
(1) Select the variable employees	
(1) Click on the Step name parameter	
RPA Challenge – Cloud Studio – For Each activity – Setting the properties	

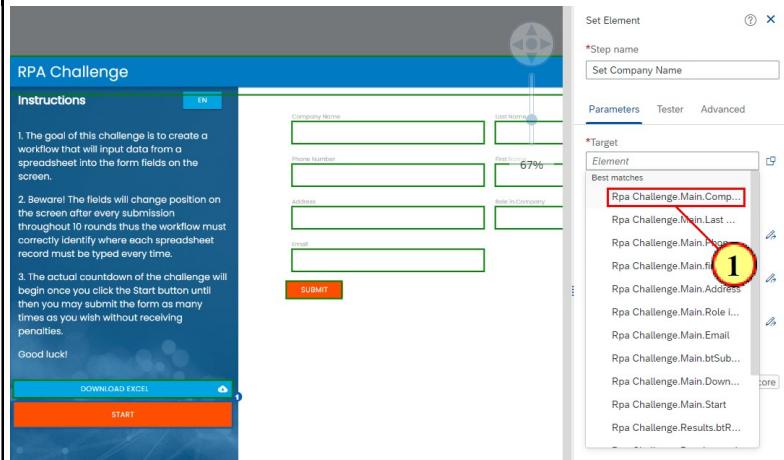
Explanation	Screenshot
(1) Add employee to the Step name	
RPA Challenge – Cloud Studio – Adding the Set Element activity	
(1) Close the step properties	
RPA Challenge – Cloud Studio – Adding the Set Element activity	
(1) Clear the search field	
RPA Challenge – Cloud Studio – Adding the Set Element activity	

Explanation	Screenshot
(1) Search for the Set Element activity	
RPA Challenge – Cloud Studio – Adding the Set Element activity	
(1) Drag the Activity	
(1) Drop it into the workflow inside the For Each employee loop	

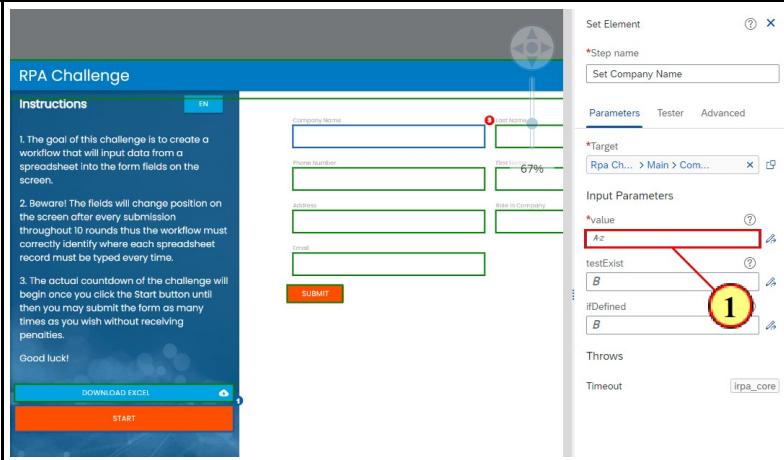
Explanation	Screenshot
RPA Challenge – Cloud Studio – Set Element activity – Setting the properties	
(1) Click on the activity to set the properties	 
RPA Challenge – Cloud Studio – Set Element activity – Setting the properties	
(1) Click on the Step name parameter	 
RPA Challenge – Cloud Studio – Set Element activity: Company Name – Setting the properties	
(1) Set it as Set Company Name	 
RPA Challenge – Cloud Studio – Set Element activity: Company Name – Setting the properties	

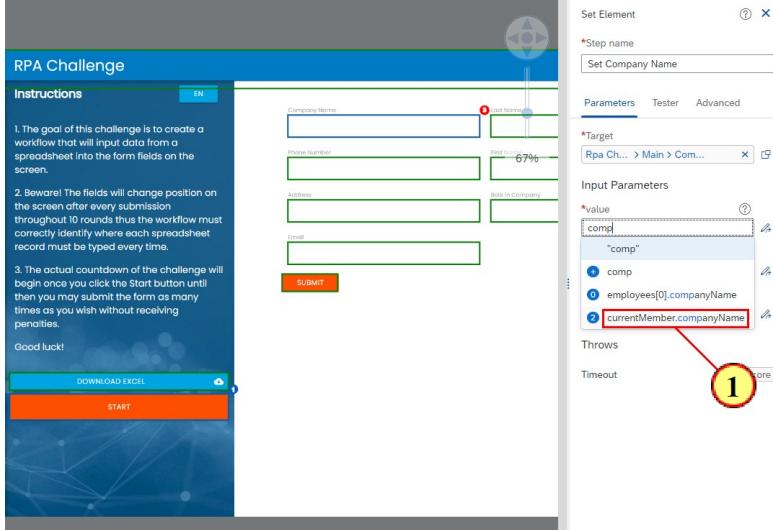
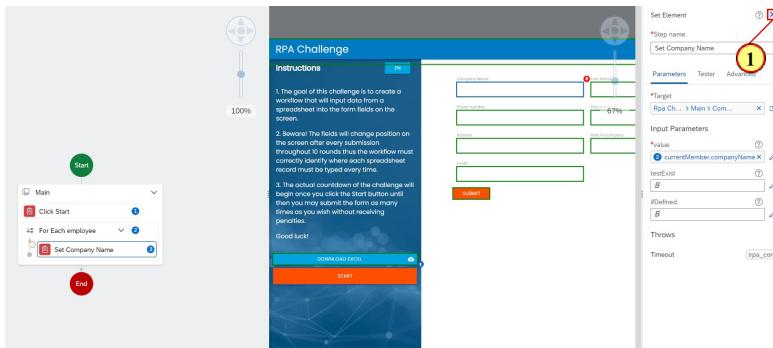
Explanation	Screenshot
(1) Click on Target parameter	

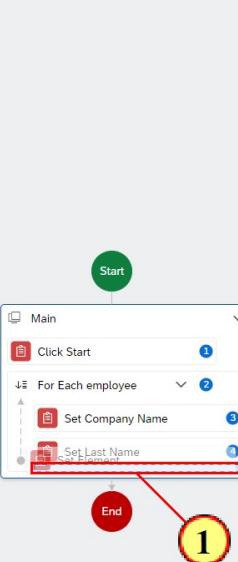
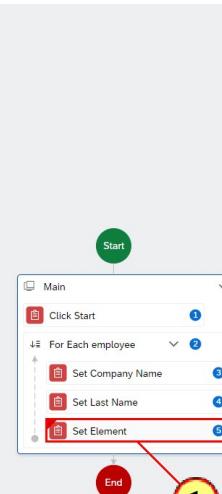
RPA Challenge – Cloud Studio – Set Element activity: Company Name – Setting the properties

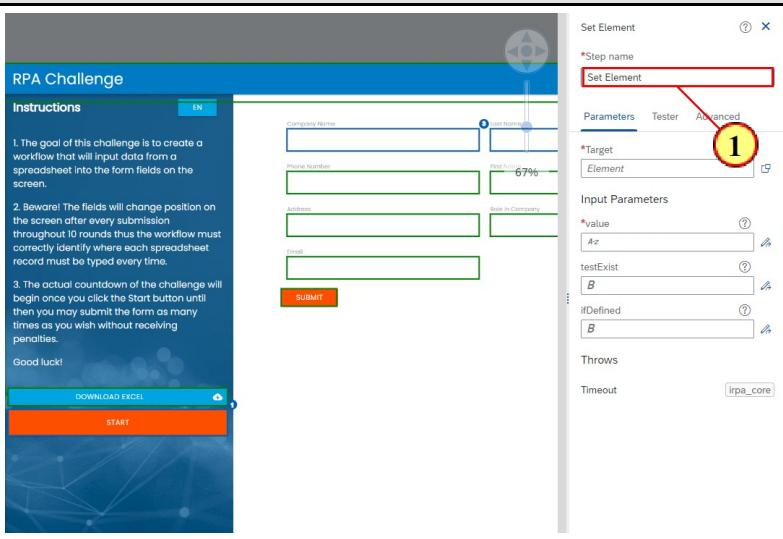
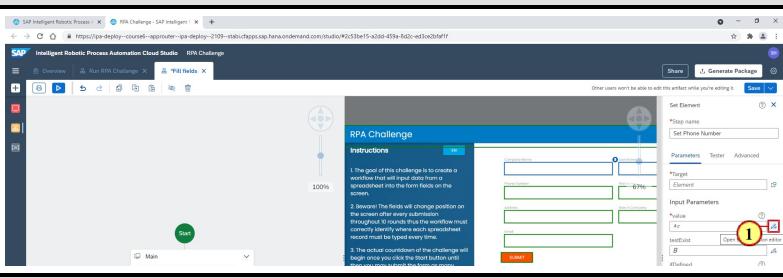
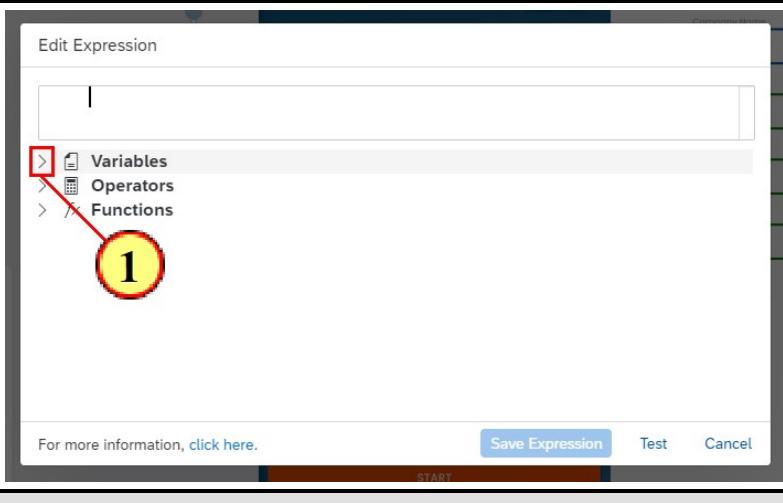
(1) Select Rpa Challenge.Main.CompanyName	
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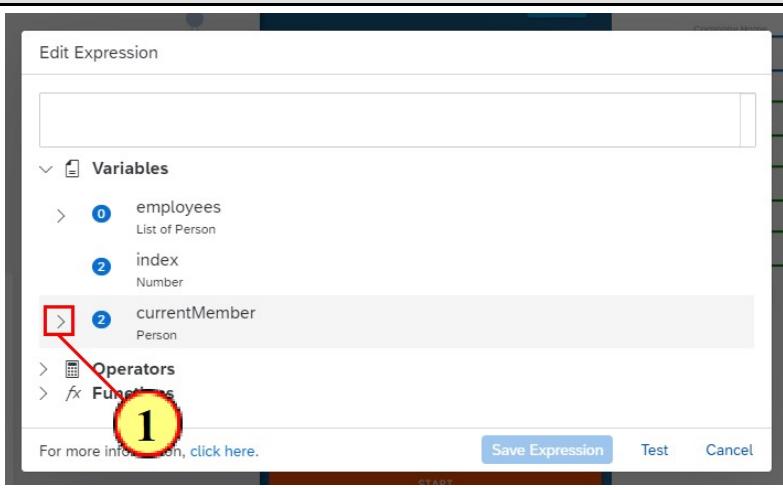
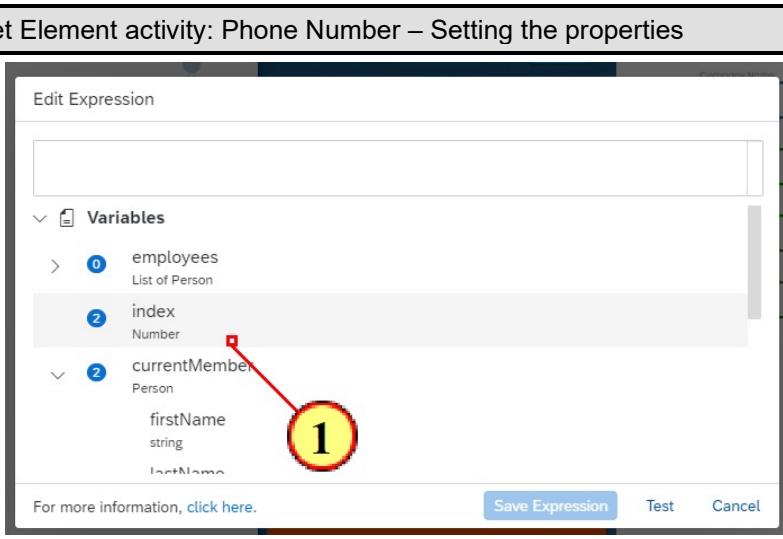
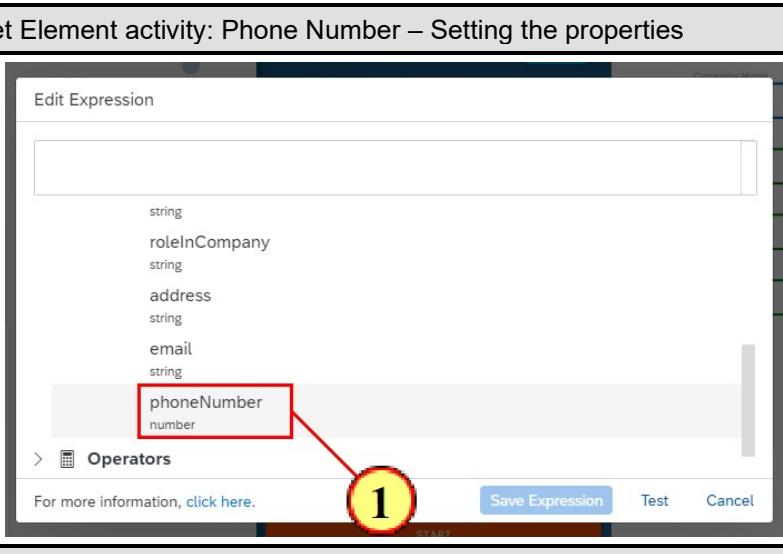
RPA Challenge – Cloud Studio – Set Element activity: Company Name – Setting the properties

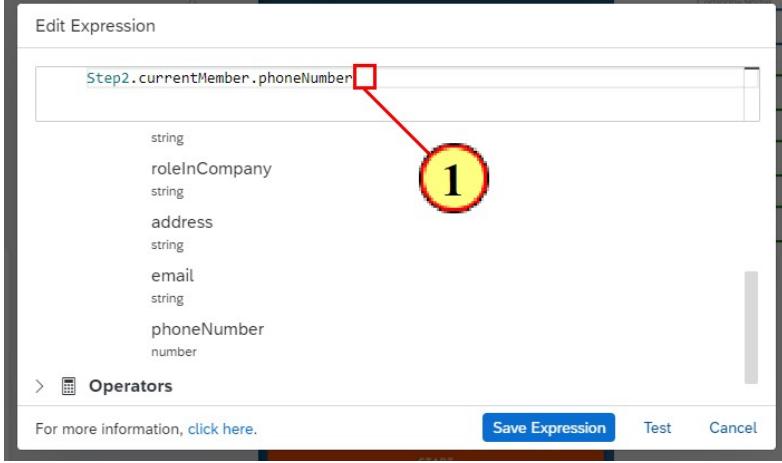
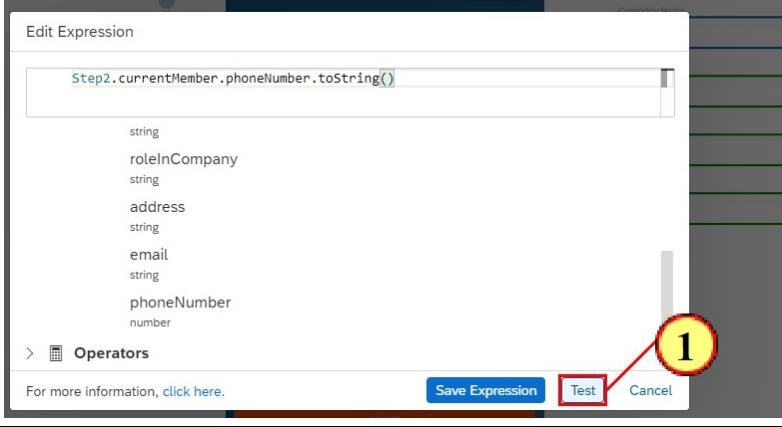
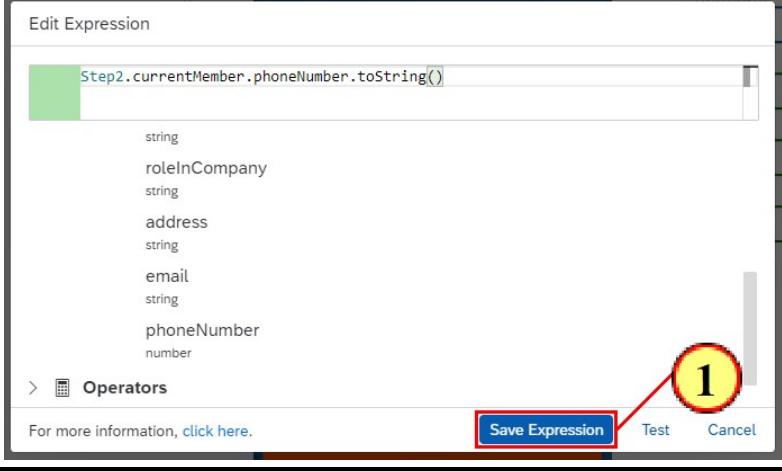
(1) Click on Value and type Company	
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Explanation	Screenshot
RPA Challenge – Cloud Studio – Set Element activity: Company Name – Setting the properties	
(1) Select currentMember.companyName	
RPA Challenge – Cloud Studio – Adding set Element activity	
(1) Close the Step properties	
RPA Challenge – Cloud Studio – Adding set Element activity	
(1) Drag another Set Element activity	
	

Explanation	Screenshot
(1) Drop it into the workflow below the last activity	 <p>RPA Challenge</p> <p>Instructions</p> <p>1. The goal of this challenge is to create a workflow that will input data from a spreadsheet into the form fields on the screen.</p> <p>2. Beware! The fields will change position on the screen after every submission throughout 10 rounds thus the workflow must correctly identify where each spreadsheet record must be typed every time.</p> <p>3. The actual countdown of the challenge will begin once you click the Start button until then you may submit the form as many times as you wish without receiving penalties.</p> <p>Good luck!</p> <p>DOWNLOAD EXCEL</p> <p>START</p>
RPA Challenge – Cloud Studio – Adding set Element activity	
(1) Click on the activity to set the properties	 <p>RPA Challenge</p> <p>Instructions</p> <p>1. The goal of this challenge is to create a workflow that will input data from a spreadsheet into the form fields on the screen.</p> <p>2. Beware! The fields will change position on the screen after every submission throughout 10 rounds thus the workflow must correctly identify where each spreadsheet record must be typed every time.</p> <p>3. The actual countdown of the challenge will begin once you click the Start button until then you may submit the form as many times as you wish without receiving penalties.</p> <p>Good luck!</p> <p>DOWNLOAD EXCEL</p> <p>START</p>

Explanation	Screenshot
(1) Set the Step name parameter to Set Phone Number	
RPA Challenge – Cloud Studio – Set Element activity: Phone Number – Setting the properties	
(1) Click on the Expression Editor icon of the value parameter	
RPA Challenge – Cloud Studio – Set Element activity: Phone Number – Setting the properties	
(1) Expand the Variables	
RPA Challenge – Cloud Studio – Set Element activity: Phone Number – Setting the properties	

Explanation	Screenshot
(1) Expand the currentMember node	 <p>The screenshot shows the 'Edit Expression' dialog with the 'Variables' section expanded. The 'currentMember' node is highlighted with a yellow circle containing the number 1. A red box surrounds the 'Variables' section.</p>
(1) Scroll down to find the Phone Number variable	 <p>The screenshot shows the 'Edit Expression' dialog with the 'Variables' section expanded. The 'phoneNumber' node is highlighted with a yellow circle containing the number 1. A red box surrounds the 'Variables' section.</p>
(1) Select phoneNumber	 <p>The screenshot shows the 'Edit Expression' dialog with the 'Variables' section expanded. The 'phoneNumber' node is highlighted with a yellow circle containing the number 1. A red box surrounds the 'Variables' section.</p>
	RPA Challenge – Cloud Studio – Set Element activity: Phone Number – Setting the properties

Explanation	Screenshot
<p>(1) Add .toString() function to the expression to convert a number to a string</p>	
RPA Challenge – Cloud Studio – Set Element activity: Phone Number – Setting the properties	
<p>(1) Click on Test to verify if the expression is valid</p> <p> The editor will highlight it in green if it is and in red if it is not.</p>	
RPA Challenge – Cloud Studio – Set Element activity: Phone Number – Setting the properties	
<p>(1) Click on Save Expression</p>	
RPA Challenge – Cloud Studio – Set Element activity: Phone Number – Setting the properties	

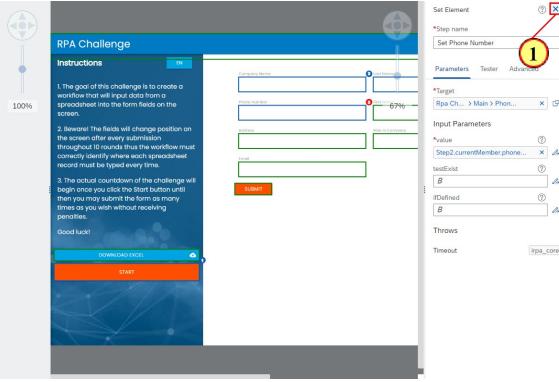
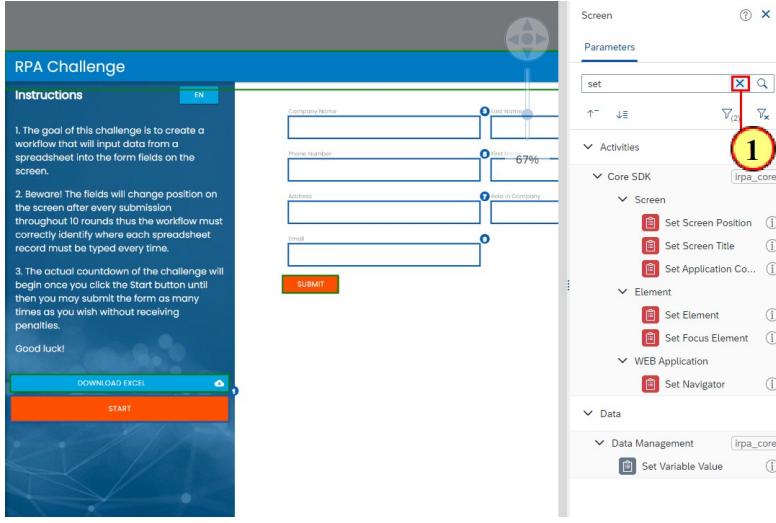
Explanation <p>(1) Click on the Target parameter</p>	Screenshot
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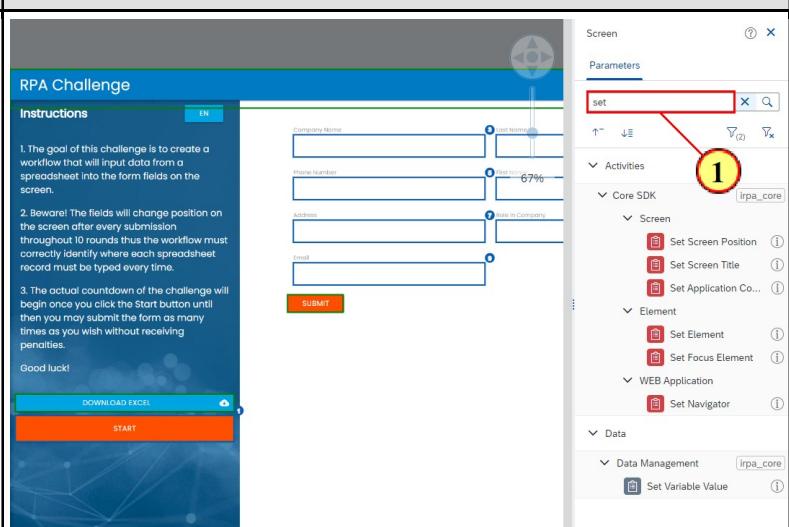
RPA Challenge – Cloud Studio – Set Element activity: Phone Number – Setting the properties

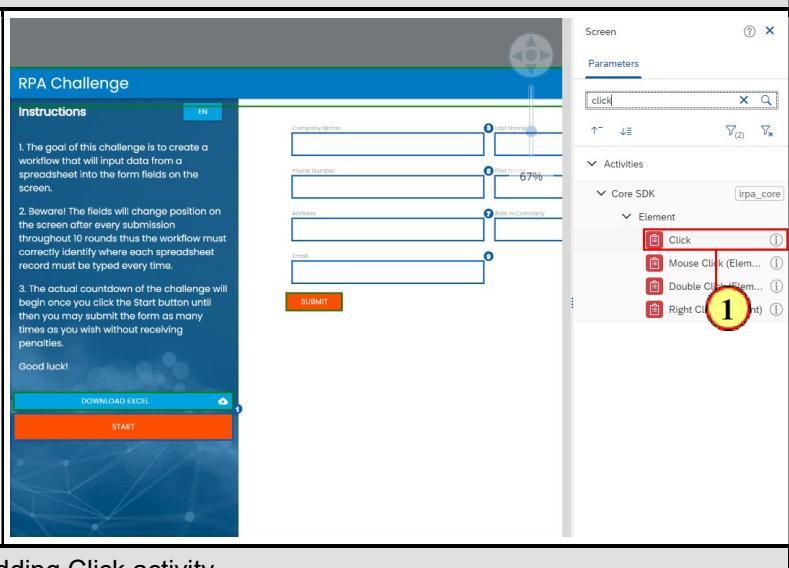
<p>(1) Select Rpa Challenge.Main.Phon...</p>	
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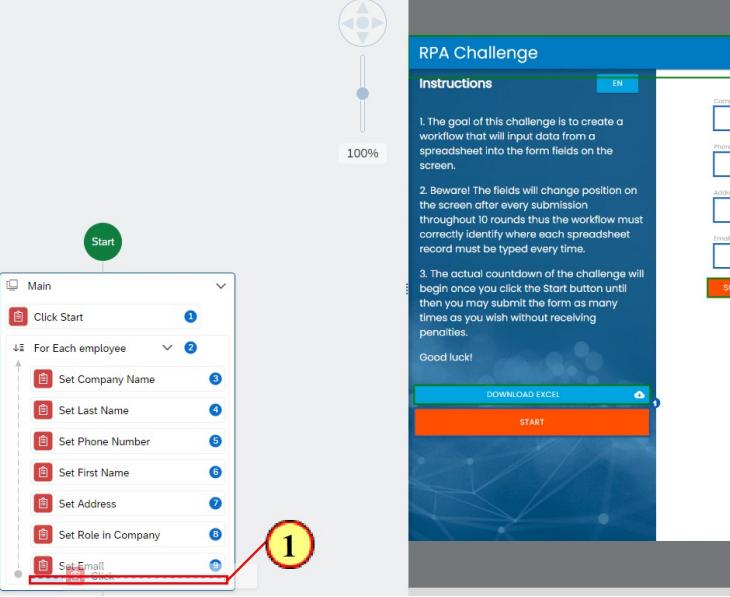
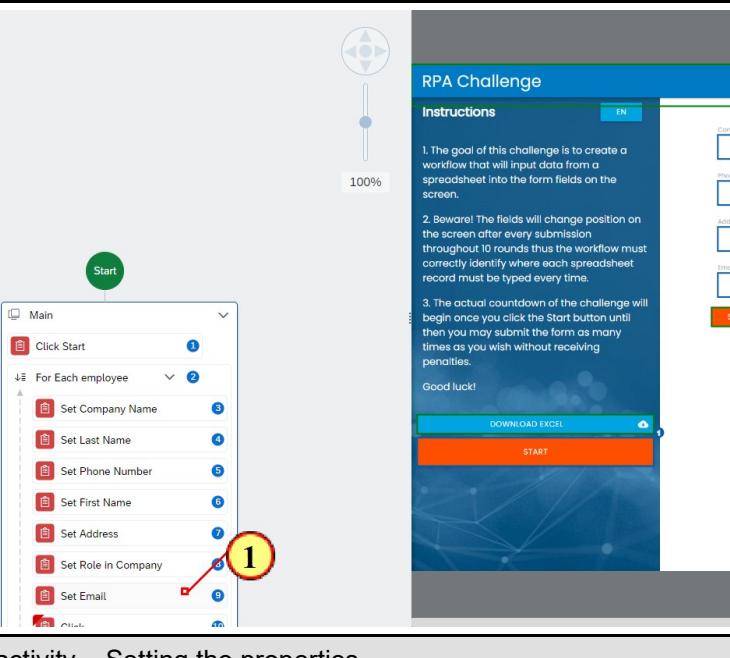
Fill the fields - Recap

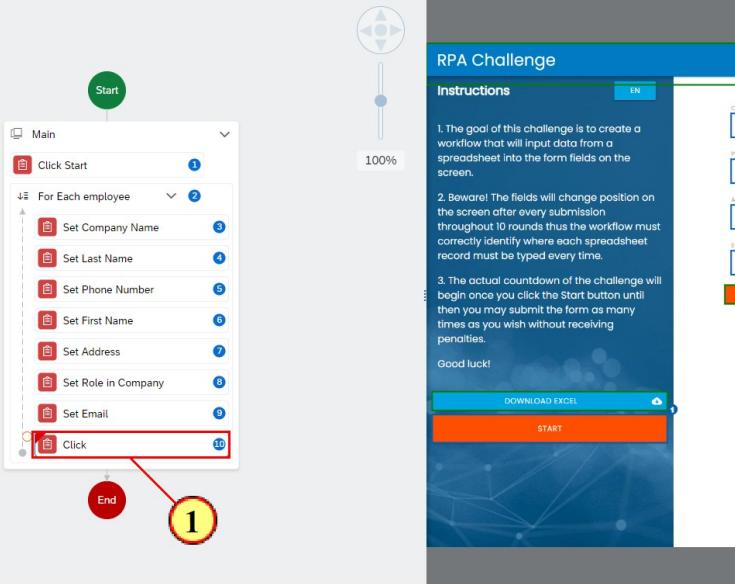
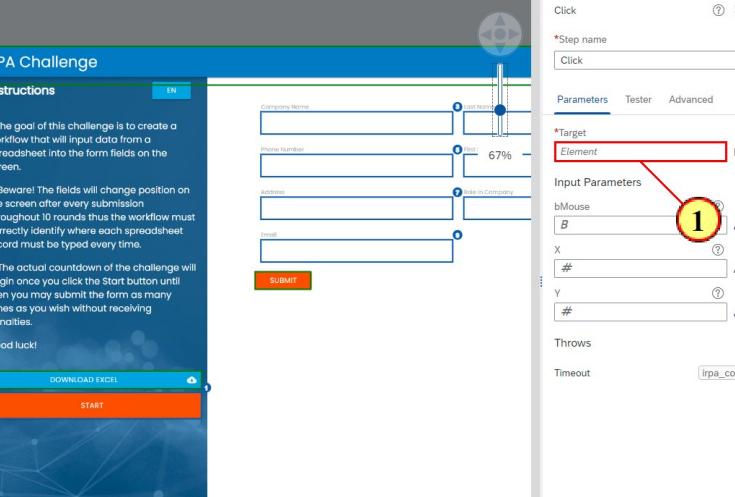
<p> Please find a table that recaps the steps you need to follow to fill the fields of your automation.</p> <p> The steps to follow to fill the Company Name field have been fully detailed in the tutorial for your convenience. The steps to fill the Phone Number field have been also given as this field has numbers and a String needs to be added.</p>	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th></th> <th>Select Set Element activity:</th> <th>Set Step name:</th> <th>Click on Target and select :</th> <th>Click on value and type :</th> <th>Select:</th> <th>Close Step properties</th> </tr> </thead> <tbody> <tr> <td>Company Name*</td> <td>Drag and drop it into the workflow</td> <td>Click on the activity and set Company Name</td> <td>RpaChallenge.Main.CompanyName</td> <td>company</td> <td>currentMember.companyName</td> <td>Close Step properties</td> </tr> <tr> <td>First Name</td> <td>Drag and drop it into the workflow</td> <td>Click on the activity and set First Name</td> <td>RpaChallenge.Main.FirstName</td> <td>firstName</td> <td>currentMember.firstName</td> <td>Close Step properties</td> </tr> <tr> <td>Last Name</td> <td>Drag and drop it into the workflow</td> <td>Click on the activity and set Last Name</td> <td>RpaChallenge.Main.LastName</td> <td>lastName</td> <td>currentMember.lastName</td> <td>Close Step properties</td> </tr> <tr> <td>Role in Company</td> <td>Drag and drop it into the workflow</td> <td>Click on the activity and set Role in Company</td> <td>RpaChallenge.Main.RoleInCompany</td> <td>role</td> <td>currentMember.roleInCompany</td> <td>Close Step properties</td> </tr> <tr> <td>Address</td> <td>Drag and drop it into the workflow</td> <td>Click on the activity and set Address</td> <td>RpaChallenge.Main.Address</td> <td>address</td> <td>currentMember.address</td> <td>Close Step properties</td> </tr> <tr> <td>Phone Number*</td> <td>Drag and drop it into the workflow</td> <td>Click on the activity and set Phone Number</td> <td>RpaChallenge.Main.PhoneNumber</td> <td></td> <td>*Follow the steps in the tutorial</td> <td>Close Step properties</td> </tr> <tr> <td>Email</td> <td>Drag and drop it into the workflow</td> <td>Click on the activity and set Email</td> <td>RpaChallenge.Main.Email</td> <td>email</td> <td>currentMember.email</td> <td>Close Step properties</td> </tr> </tbody> </table>		Select Set Element activity:	Set Step name:	Click on Target and select :	Click on value and type :	Select:	Close Step properties	Company Name*	Drag and drop it into the workflow	Click on the activity and set Company Name	RpaChallenge.Main.CompanyName	company	currentMember.companyName	Close Step properties	First Name	Drag and drop it into the workflow	Click on the activity and set First Name	RpaChallenge.Main.FirstName	firstName	currentMember.firstName	Close Step properties	Last Name	Drag and drop it into the workflow	Click on the activity and set Last Name	RpaChallenge.Main.LastName	lastName	currentMember.lastName	Close Step properties	Role in Company	Drag and drop it into the workflow	Click on the activity and set Role in Company	RpaChallenge.Main.RoleInCompany	role	currentMember.roleInCompany	Close Step properties	Address	Drag and drop it into the workflow	Click on the activity and set Address	RpaChallenge.Main.Address	address	currentMember.address	Close Step properties	Phone Number*	Drag and drop it into the workflow	Click on the activity and set Phone Number	RpaChallenge.Main.PhoneNumber		*Follow the steps in the tutorial	Close Step properties	Email	Drag and drop it into the workflow	Click on the activity and set Email	RpaChallenge.Main.Email	email	currentMember.email	Close Step properties
	Select Set Element activity:	Set Step name:	Click on Target and select :	Click on value and type :	Select:	Close Step properties																																																			
Company Name*	Drag and drop it into the workflow	Click on the activity and set Company Name	RpaChallenge.Main.CompanyName	company	currentMember.companyName	Close Step properties																																																			
First Name	Drag and drop it into the workflow	Click on the activity and set First Name	RpaChallenge.Main.FirstName	firstName	currentMember.firstName	Close Step properties																																																			
Last Name	Drag and drop it into the workflow	Click on the activity and set Last Name	RpaChallenge.Main.LastName	lastName	currentMember.lastName	Close Step properties																																																			
Role in Company	Drag and drop it into the workflow	Click on the activity and set Role in Company	RpaChallenge.Main.RoleInCompany	role	currentMember.roleInCompany	Close Step properties																																																			
Address	Drag and drop it into the workflow	Click on the activity and set Address	RpaChallenge.Main.Address	address	currentMember.address	Close Step properties																																																			
Phone Number*	Drag and drop it into the workflow	Click on the activity and set Phone Number	RpaChallenge.Main.PhoneNumber		*Follow the steps in the tutorial	Close Step properties																																																			
Email	Drag and drop it into the workflow	Click on the activity and set Email	RpaChallenge.Main.Email	email	currentMember.email	Close Step properties																																																			

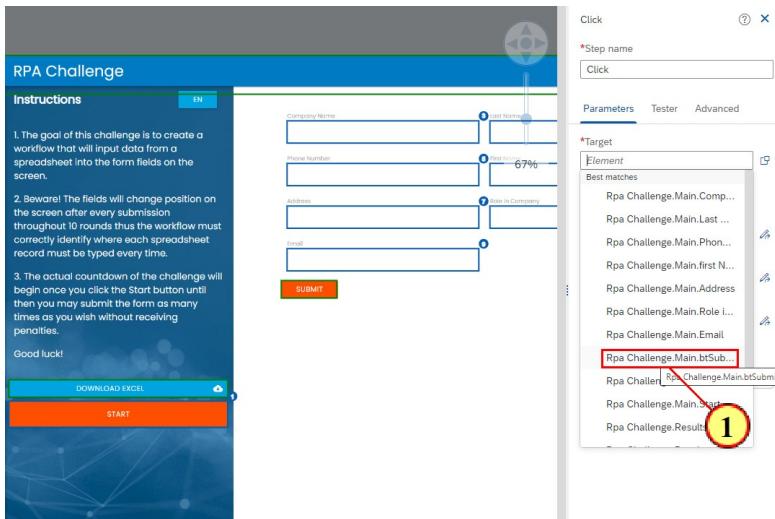
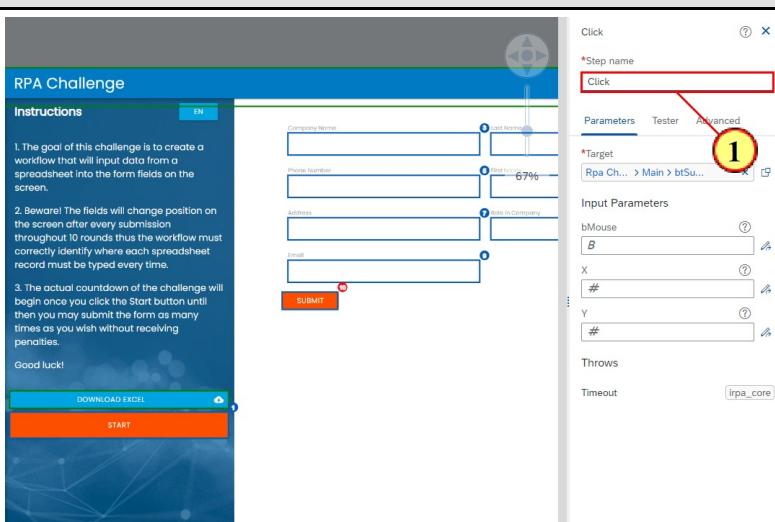
Explanation	Screenshot
 Kindly follow the directions in this table to proceed completing the five other fields.	
RPA Challenge – Cloud Studio – Adding Click activity	
<p>(1) Close the step properties</p>  Once you are done filling the fields of the Fill Fields Automation, we can pursue and add a Click activity to our RPA Challenge Automation	
<p>(1) Clear the search field</p>	
RPA Challenge – Cloud Studio – Adding Click activity	

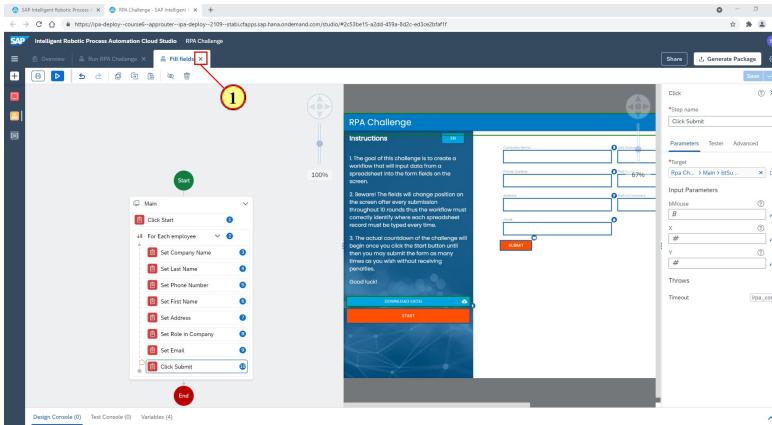
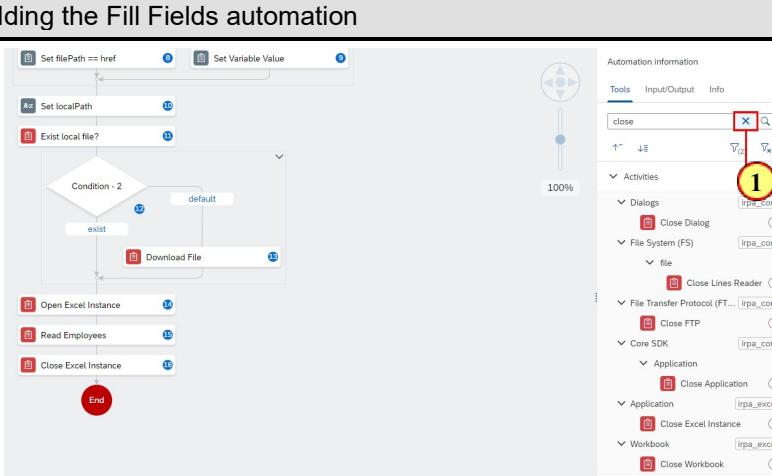
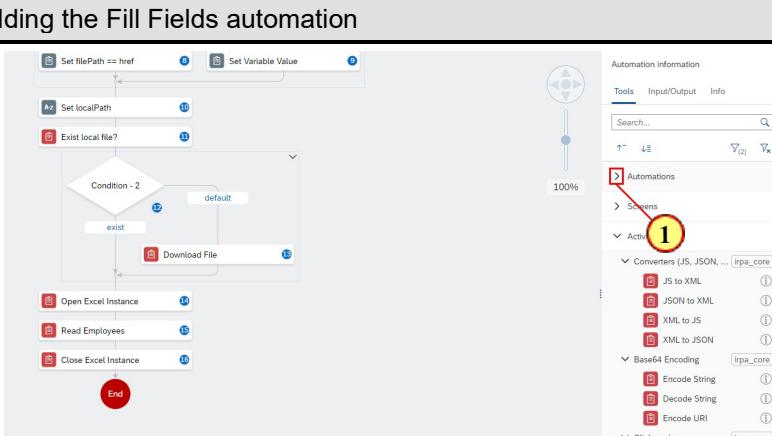
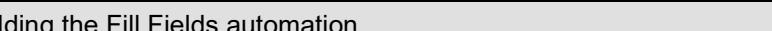
Explanation	Screenshot
(1) Search for the Click activity	 <p>The screenshot shows the RPA Challenge interface in Cloud Studio. On the left is the challenge screen with instructions and input fields. On the right is the 'Screen' editor. In the 'Parameters' section, the search bar contains 'set'. Below it, the 'Activities' section is expanded, showing the 'Core SDK' category with various sub-options like 'Set Screen Position', 'Set Screen Title', and 'Set Application Co...'. A yellow circle with the number '1' highlights the search bar.</p>

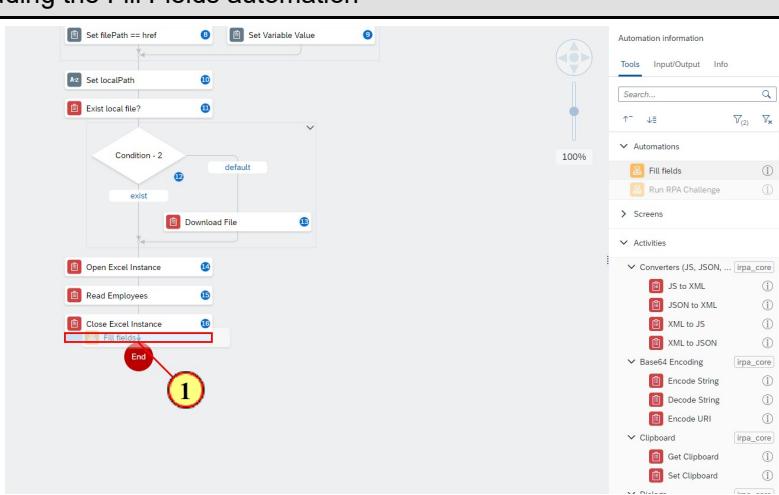
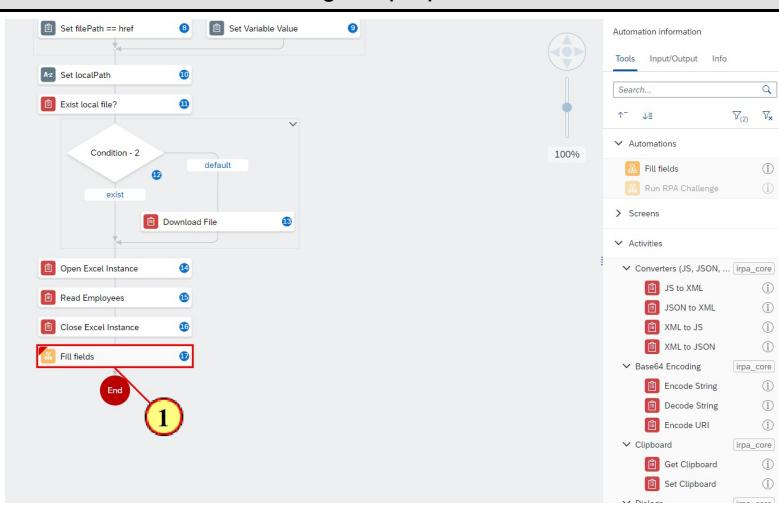
Explanation	Screenshot
(1) Drag the Activity	 <p>The screenshot shows the RPA Challenge interface in Cloud Studio. The search bar now contains 'click'. The 'Activities' list under 'Core SDK' has been expanded to show specific click types: 'Click', 'Mouse Click (Elem...)', 'Double Click (Elem...)', and 'Right Click (Elem...)'. A yellow circle with the number '1' highlights the 'Click' option in the list.</p>

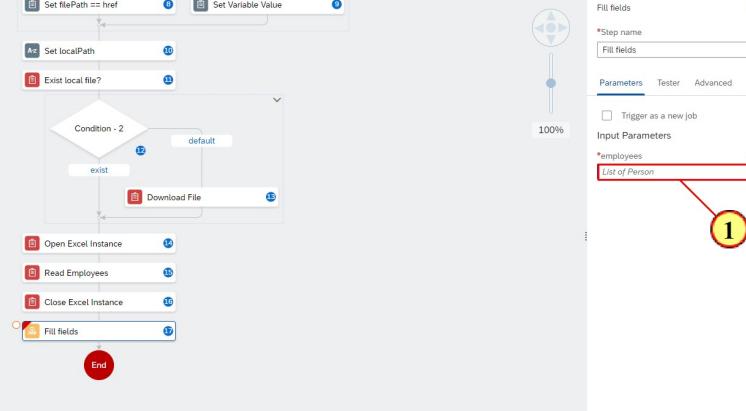
Explanation	Screenshot
(1) Drop it into the workflow below the last activity	
(1) Scroll down to bring the workflow up	

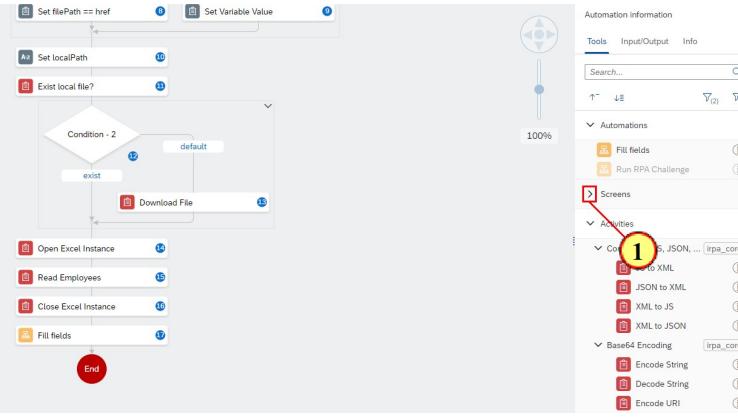
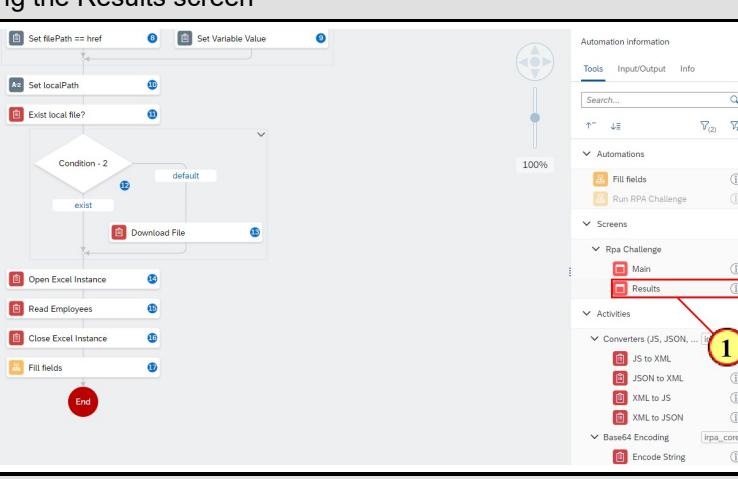
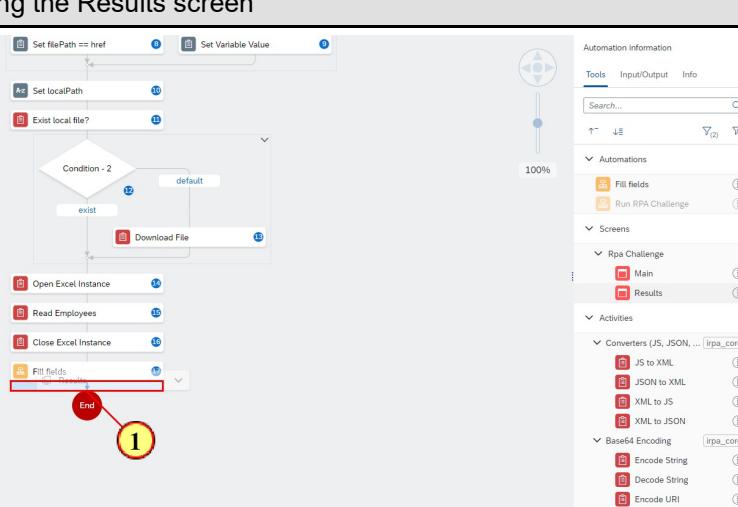
Explanation	Screenshot
(1) Click on the activity to set the properties	
RPA Challenge – Cloud Studio – Click activity – Setting the properties	
(1) Click on the Target parameter	
RPA Challenge – Cloud Studio – Click activity – Setting the properties	

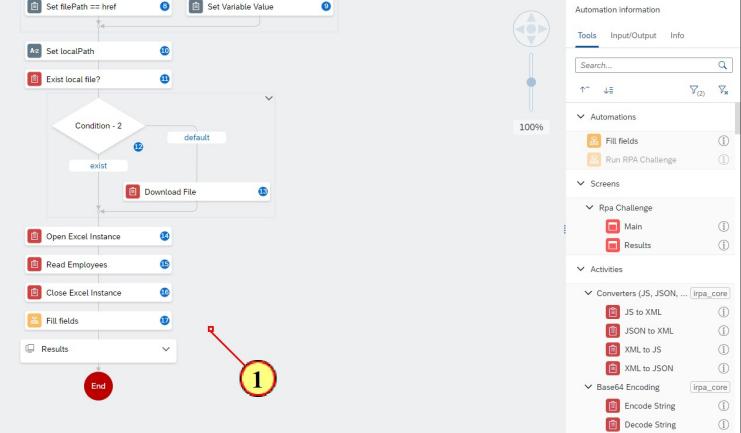
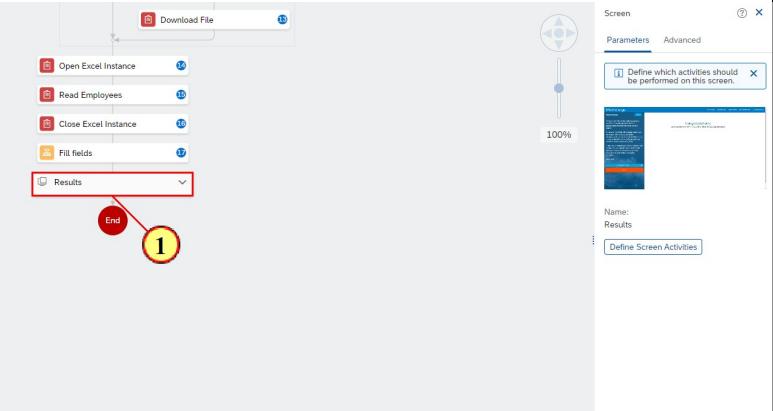
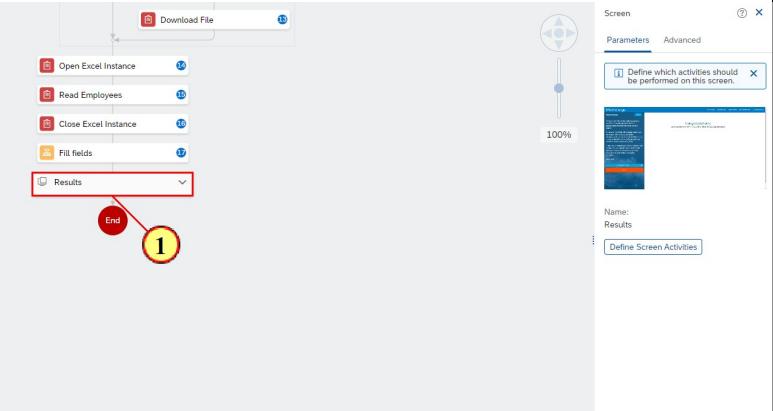
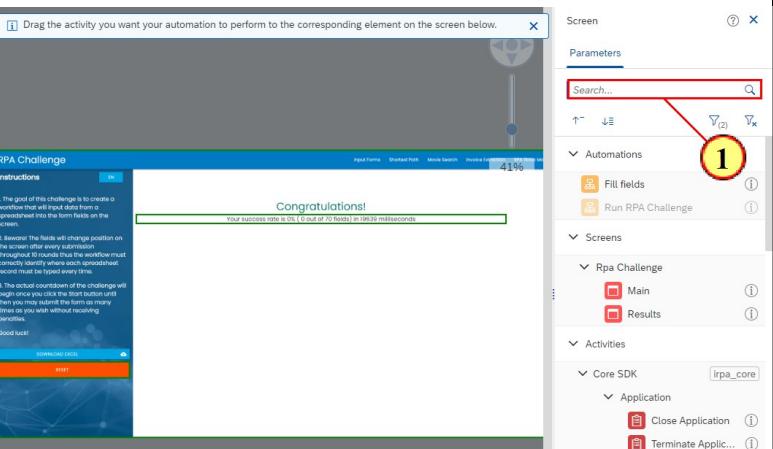
Explanation	Screenshot
(1) Select Rpa Challenge.Main.btSub...	
RPA Challenge – Cloud Studio – Click activity – Setting the properties	
(1) Set the Step name parameter to Click Submit	
RPA Challenge – Cloud Studio – Saving the Fill Fields automation	
(1) Click on Save	
RPA Challenge – Cloud Studio – Adding the Fill Fields automation	

Explanation	Screenshot
(1) Close the Automation tab	
RPA Challenge – Cloud Studio – Adding the Fill Fields automation	
(1) Clear the search field	
(1) Expand the Automations node	

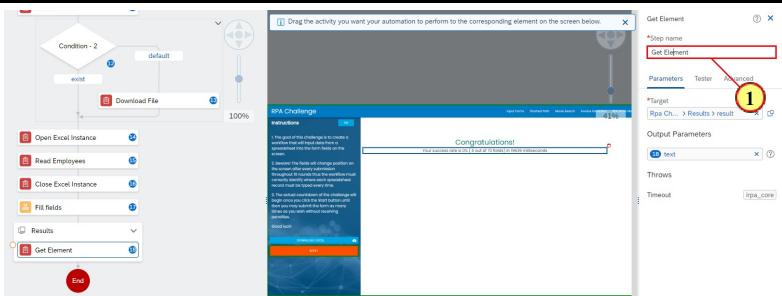
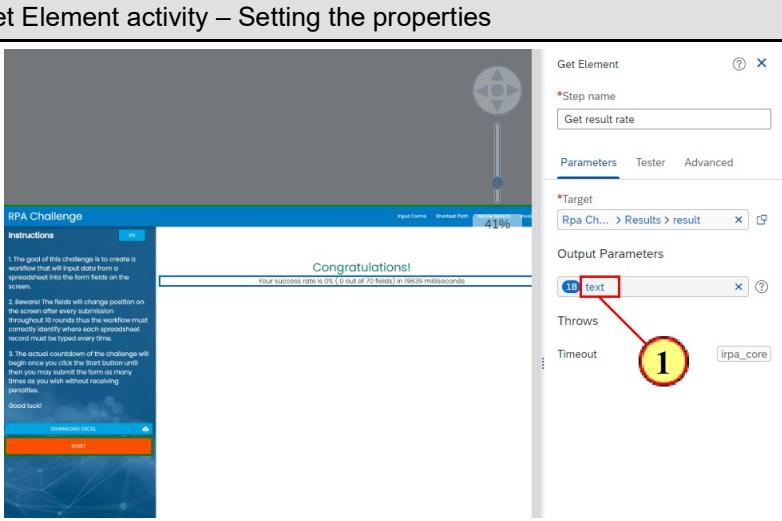
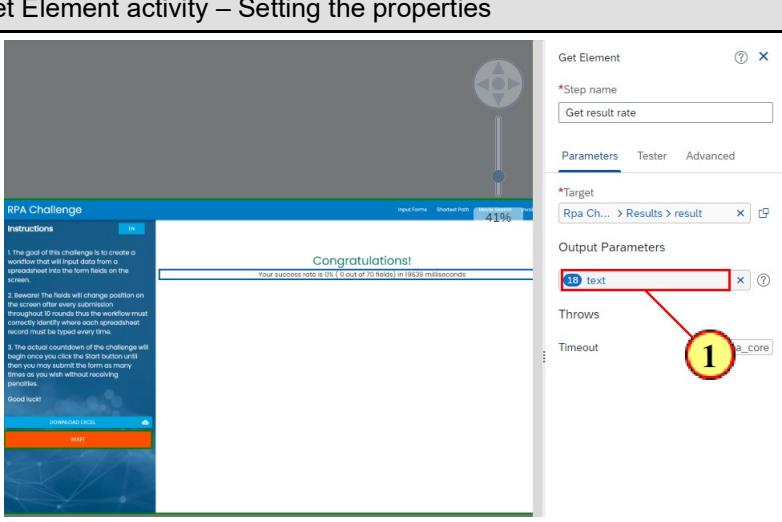
Explanation	Screenshot
<p>(1) Drag the Fill fields automation</p>  <p>This is a best practice to organize your automations by functional area to facilitate reusability</p>	 <p>The screenshot shows the RPA Challenge Cloud Studio interface. On the right, the 'Automations' section is open, displaying a list of available automations. The 'Fill fields' automation is highlighted with a red box and circled with a yellow circle containing the number '1'. Other listed automations include 'Run RPA Challenge', 'Converters (JS, JSON, ...)', 'Base64 Encoding', and 'Clipboard'.</p>
<p>RPA Challenge – Cloud Studio – Adding the Fill Fields automation</p> <p>(1) Drop it into the workflow, just after the Close Excel Instance</p>	 <p>The screenshot shows the RPA Challenge Cloud Studio workflow editor. The workflow consists of several steps: 'Set filePath == href', 'Set Variable Value', 'Set localPath', 'Exist local file?', 'Condition - 2', 'Download File', 'Open Excel Instance', 'Read Employees', 'Close Excel Instance', and 'Fill fields'. The 'Fill fields' step is highlighted with a red box and circled with a yellow circle containing the number '1', indicating it has been added to the workflow.</p>
<p>RPA Challenge – Cloud Studio – Fill Fields automation – Setting the properties</p> <p>(1) Click on the Automation to set the properties</p>	 <p>The screenshot shows the RPA Challenge Cloud Studio interface with the 'Automations' palette open. The 'Fill fields' automation is selected, indicated by a red box and circled with a yellow circle containing the number '1'. This highlights the step where properties are being set for the automation.</p>
<p>RPA Challenge – Cloud Studio – Fill Fields automation – Setting the properties</p>	

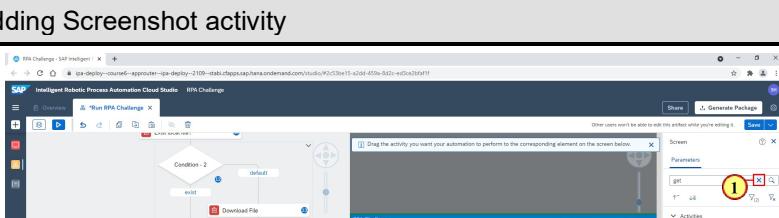
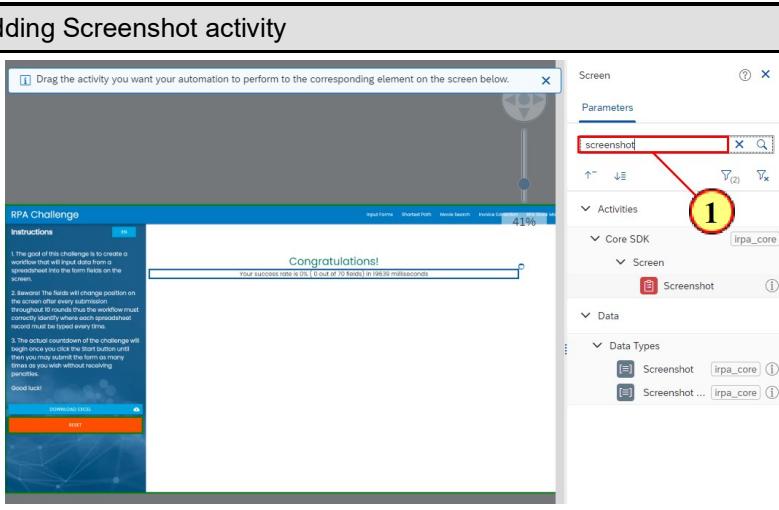
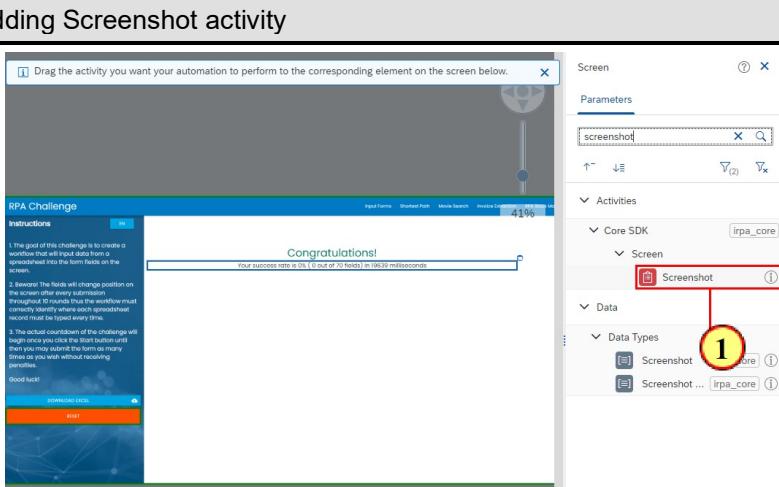
Explanation	Screenshot
(1) Click on the employees parameter	
RPA Challenge – Cloud Studio – Fill Fields automation – Setting the properties	
(1) Select the variable Employees	
RPA Challenge – Cloud Studio – Adding the Results screen	
(1) Close the step properties	
RPA Challenge – Cloud Studio – Adding the Results screen	

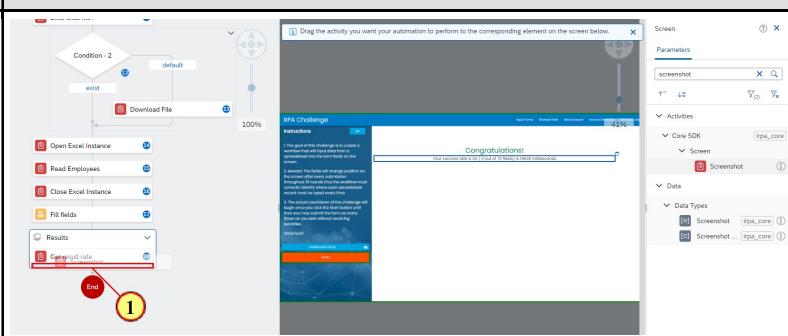
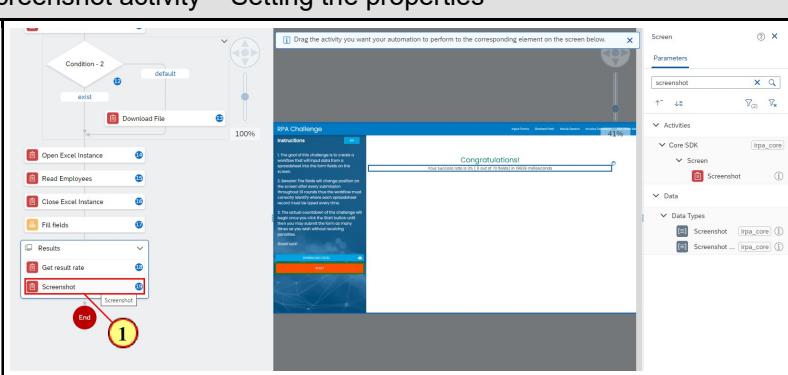
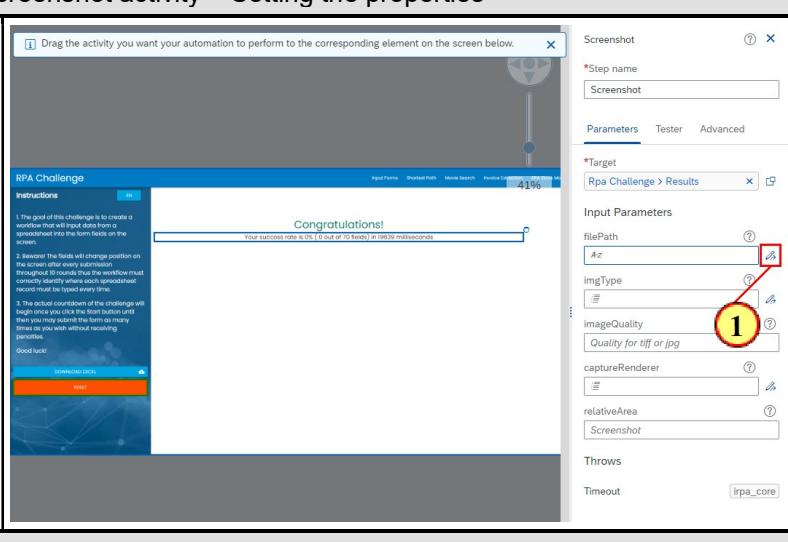
Explanation	Screenshot
(1) Expand the Screens node	
(1) Drag the Results screen	
(1) Drop it into the workflow just after the Fill fields automation	
RPA Challenge – Cloud Studio – Adding the Results screen	

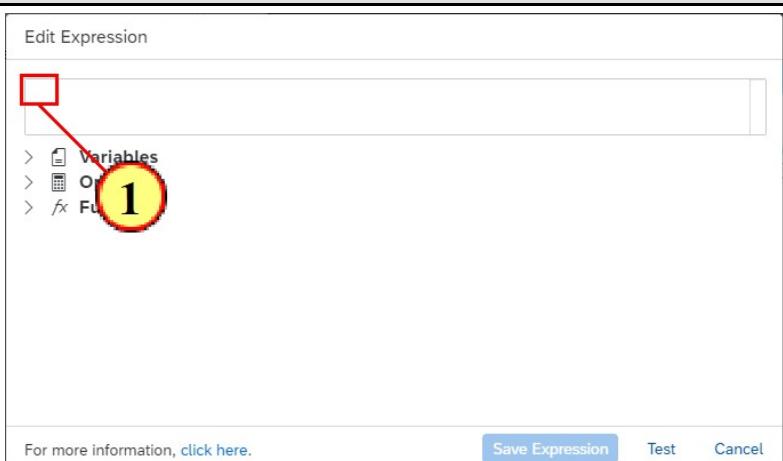
Explanation	Screenshot
(1) Scroll down if needed	
RPA Challenge – Cloud Studio – Results screen – Adding activities	
(1) Double-click to Define Screen Activities	
RPA Challenge – Cloud Studio – Adding Get Element activity	

Explanation	Screenshot
(1) Drag the Activity	
RPA Challenge – Cloud Studio – Adding Get Element activity	
(1) Click on the activity in the workflow to set the properties	
RPA Challenge – Cloud Studio – Get Element activity – Setting the properties	

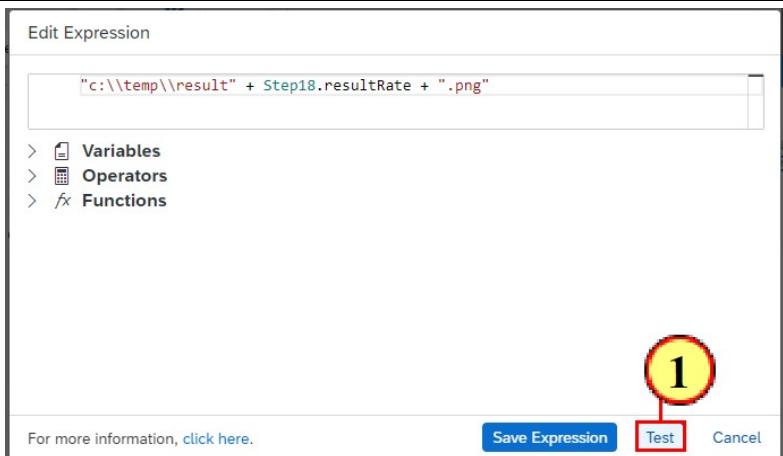
Explanation	Screenshot
<p>(1) Set the Step name to Get result rate</p>	
<p>(1) Click on text in Output Parameters</p>	
<p>(1) Rename it to resultRate</p>	
<p>RPA Challenge – Cloud Studio – Adding Screenshot activity</p>	

Explanation	Screenshot
(1) Close the step properties	
RPA Challenge – Cloud Studio – Adding Screenshot activity	
(1) Search for the Screenshot activity	
(1) Drag the Activity	
RPA Challenge – Cloud Studio – Adding Screenshot activity	

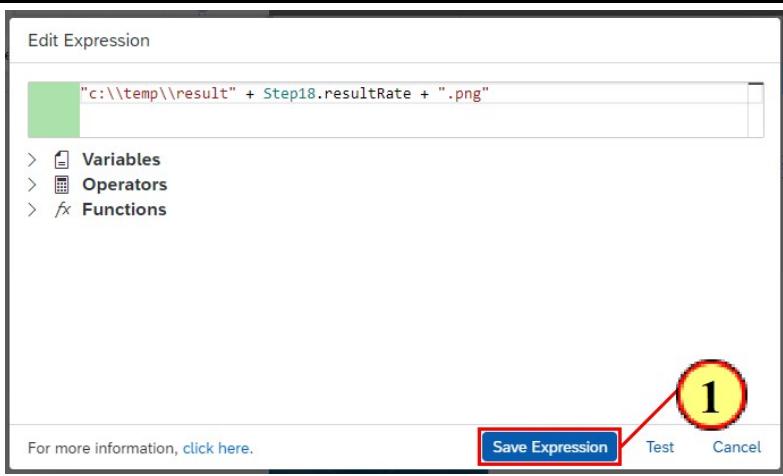
Explanation	Screenshot
<p>(1) Drop it into the workflow inside the Results screen after Get result rate activity</p> 	
<p>RPA Challenge – Cloud Studio – Screenshot activity – Setting the properties</p>	
<p>(1) Click on the activity to set the properties</p> 	
<p>RPA Challenge – Cloud Studio – Screenshot activity – Setting the properties</p>	
<p>(1) Click on the Expression Editor icon of the filePath parameter</p> 	
<p>RPA Challenge – Cloud Studio – Screenshot activity – Setting the properties</p>	

Explanation	Screenshot
<p>(1) Set the following expression:</p> <pre>"c:\\temp\\\\result" + Step18.resultRate + ".png"</pre>	

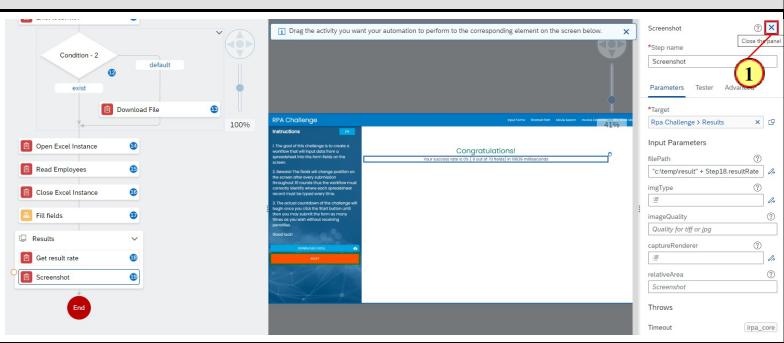
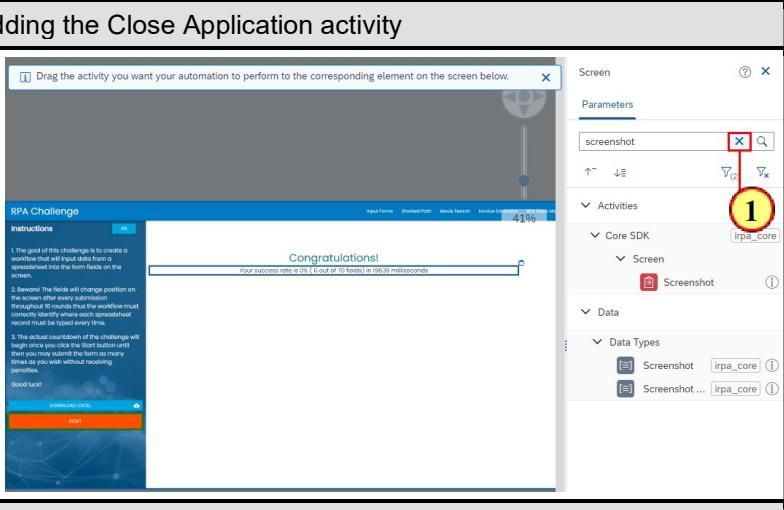
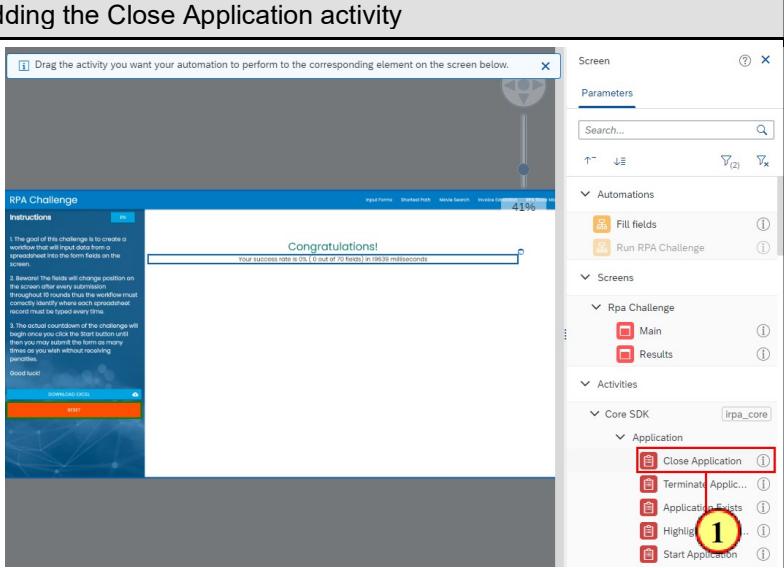
RPA Challenge – Cloud Studio – Screenshot activity – Setting the properties

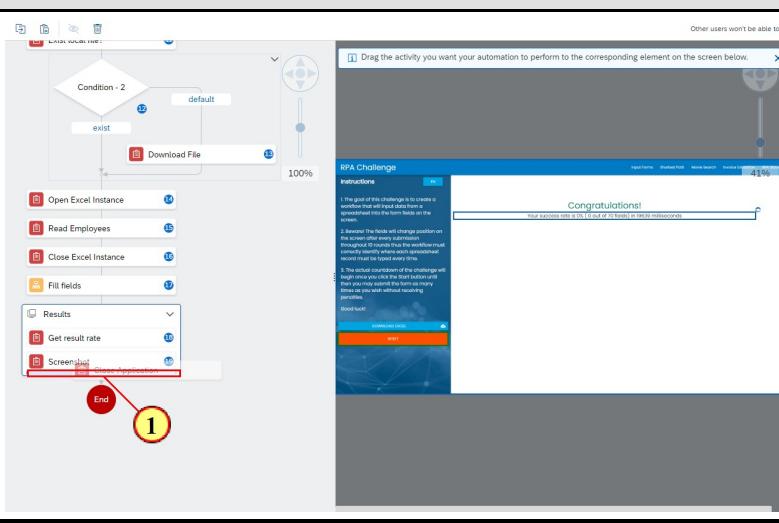
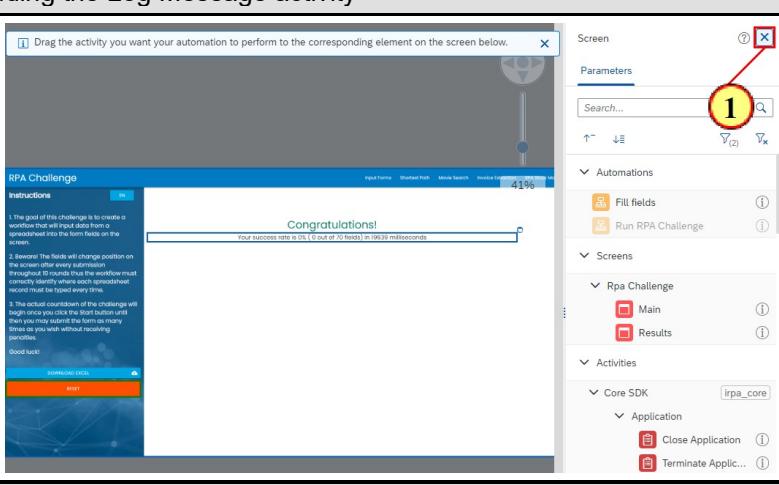
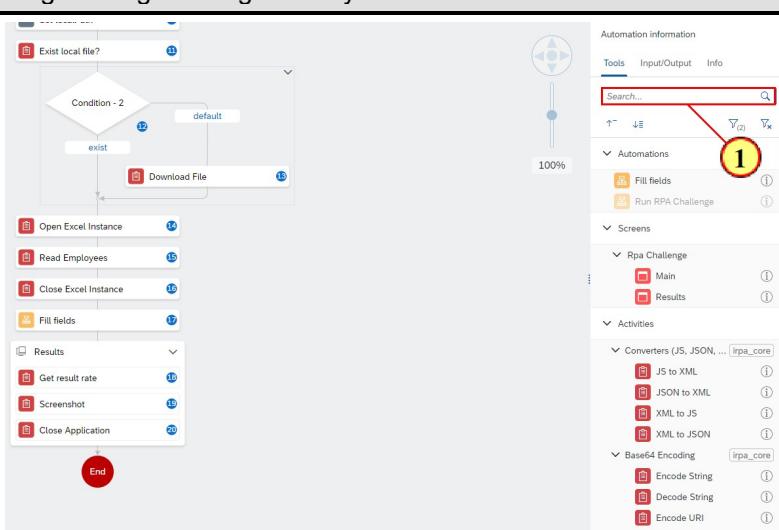
<p>(1) Click on Test to verify if the expression is valid</p> <p> The editor will highlight it in green if it is and in red if it is not.</p>	
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RPA Challenge – Cloud Studio – Screenshot activity – Setting the properties

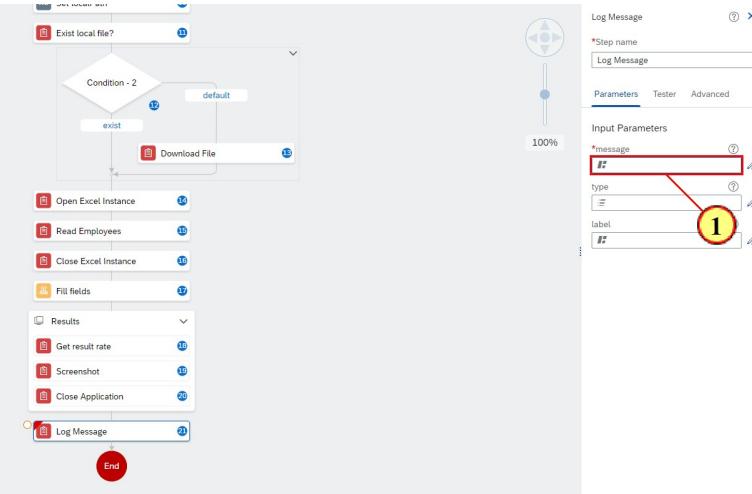
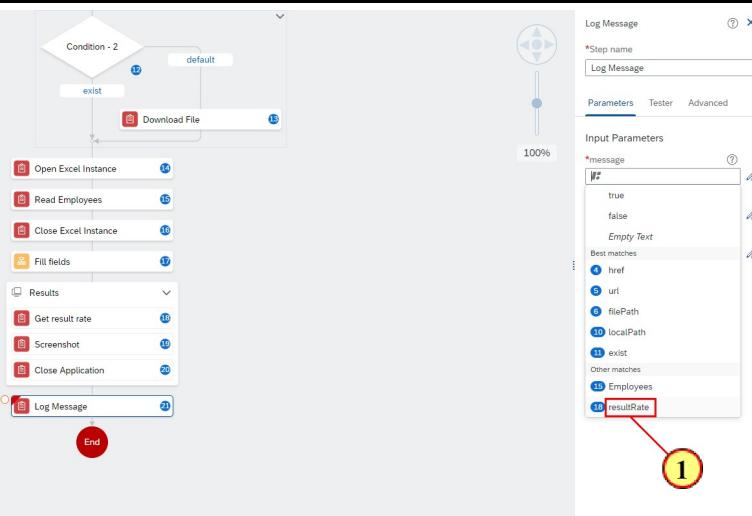
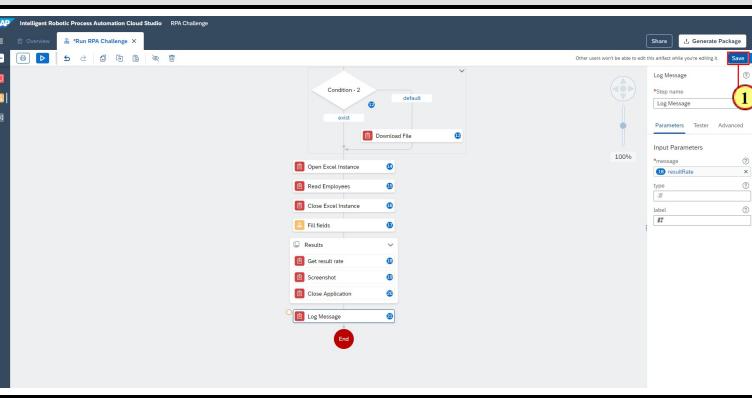
<p>(1) Click on Save Expression</p>	
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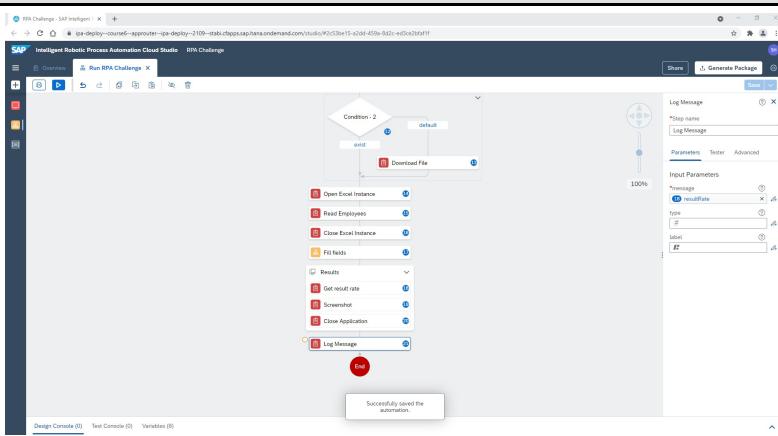
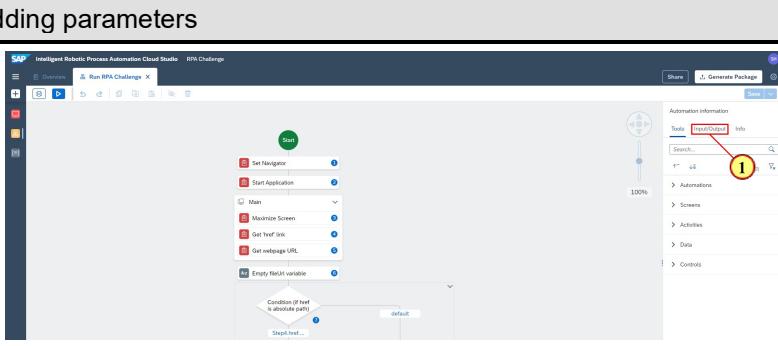
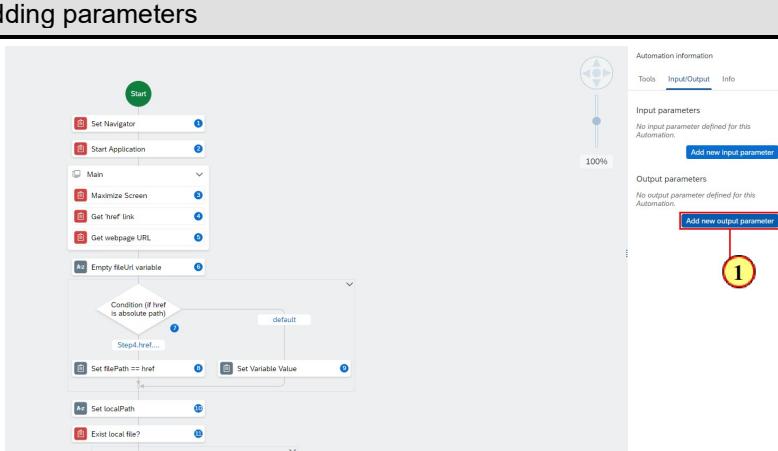
RPA Challenge – Cloud Studio – Adding the Close Application activity

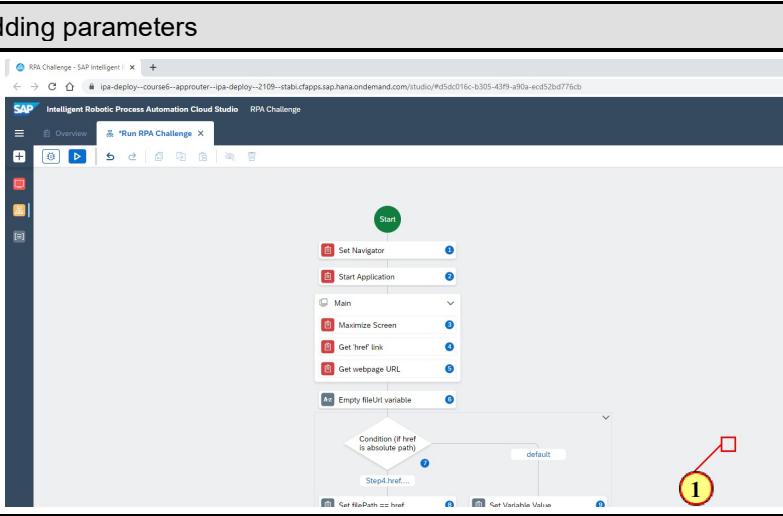
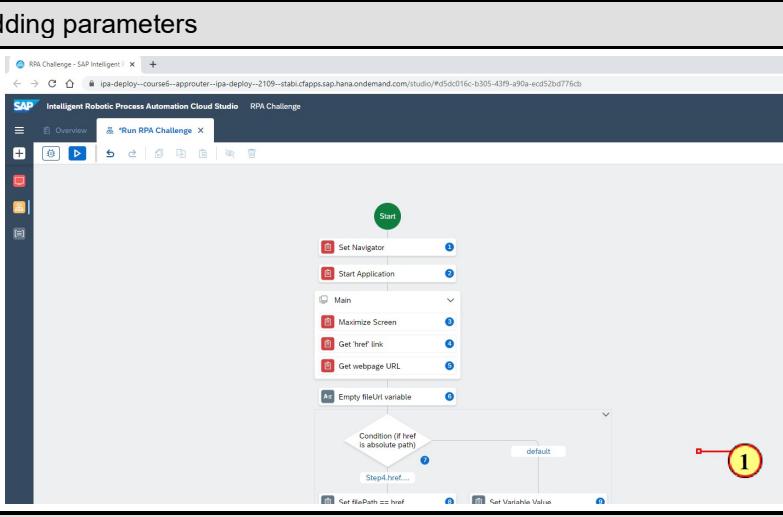
Explanation	Screenshot
(1) Close the step properties	
RPA Challenge – Cloud Studio – Adding the Close Application activity	
(1) Clear the search field	
RPA Challenge – Cloud Studio – Adding the Close Application activity	

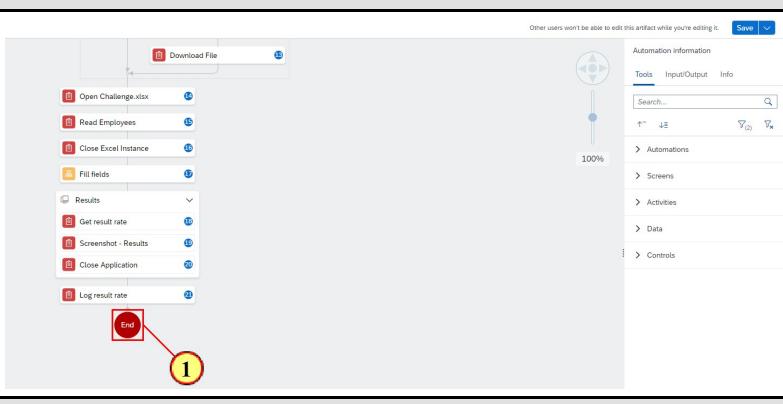
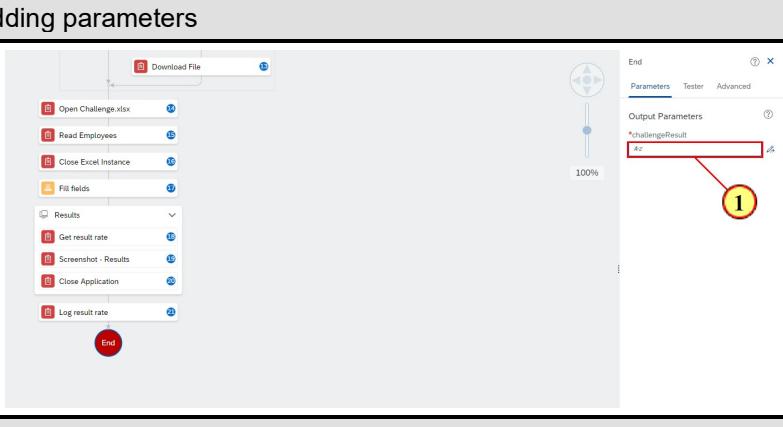
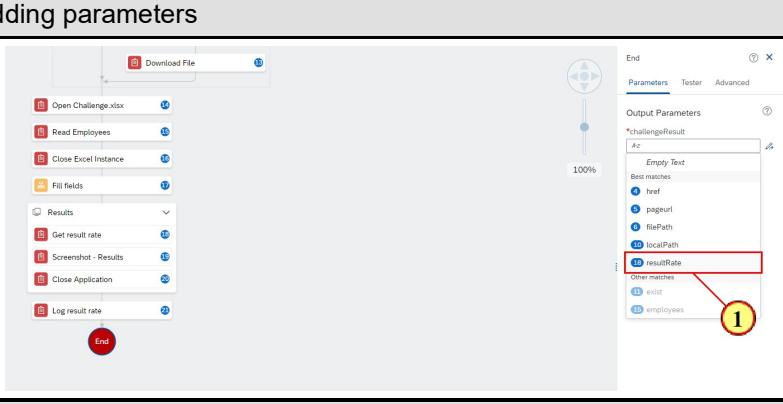
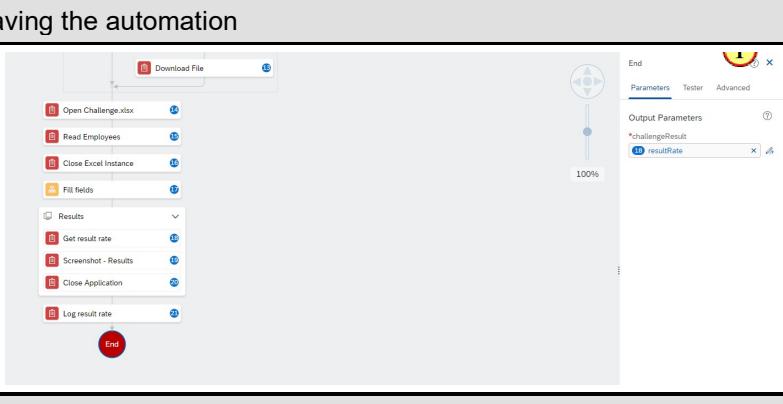
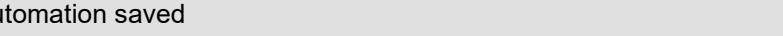
Explanation	Screenshot
(1) Drop it into the workflow inside the Results screen after the Screenshot activity	
RPA Challenge – Cloud Studio – Adding the Log Message activity	
(1) Close the Screen panel	
RPA Challenge – Cloud Studio – Adding the Log Message activity	
(1) Search for the Log Message activity	
RPA Challenge – Cloud Studio – Adding the Log Message activity	

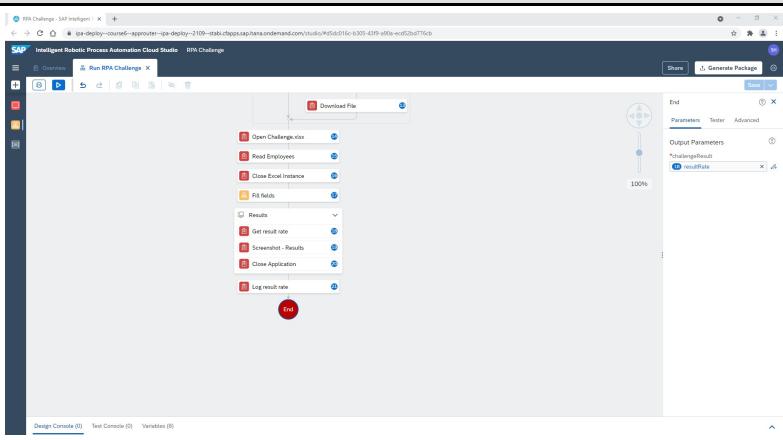
Explanation	Screenshot
(1) Drag the Activity	
RPA Challenge – Cloud Studio – Adding the Log Message activity	
(1) Drop it into the workflow after the Results screen	
RPA Challenge – Cloud Studio – Log Message activity – Setting the properties	
(1) Click on the activity to set the properties	
RPA Challenge – Cloud Studio – Log Message activity – Setting the properties	

Explanation	Screenshot
(1) Click on the message parameter	
RPA Challenge – Cloud Studio – Log Message activity – Setting the properties	
(1) Select the variable resultRate	
RPA Challenge – Cloud Studio – Saving the automation	
(1) Click on Save	
RPA Challenge – Cloud Studio – Automation saved	

Explanation	Screenshot
 <p>The automation is now saved.</p>	 <p>The screenshot shows the SAP Intelligent Robotic Process Automation Cloud Studio interface. A message box at the bottom right says "Successfully saved the automation." The right sidebar displays the "Log Message" section with parameters: Step-name, Log Message, Input Parameters (message, resultDate, type, label), and Output Parameters (no output defined).</p>
<p>RPA Challenge – Cloud Studio – Adding parameters</p> <p>(1) Click on Input/Output</p>	 <p>The screenshot shows the SAP Intelligent Robotic Process Automation Cloud Studio interface. The "Automation Information" sidebar has the "Input/Output" tab selected. A red box highlights the "Input/Output" tab, and a red circle with the number "1" highlights the "Add new input parameter" button.</p>
<p>RPA Challenge – Cloud Studio – Adding parameters</p> <p>(1) Click on Add new output parameter</p>	 <p>The screenshot shows the SAP Intelligent Robotic Process Automation Cloud Studio interface. The "Automation Information" sidebar has the "Output parameters" section selected. A red box highlights the "Output parameters" section, and a red circle with the number "1" highlights the "Add new output parameter" button.</p>
<p>RPA Challenge – Cloud Studio – Adding parameters</p>	

Explanation	Screenshot
(1) Set challengeResult as the parameter name	
RPA Challenge – Cloud Studio – Adding parameters	
(1) Click on the canvas	
RPA Challenge – Cloud Studio – Adding parameters	

Explanation	Screenshot
(1) Click on the End node	
RPA Challenge – Cloud Studio – Adding parameters	
(1) Click on the challengeResult parameter	
(1) Select the resultRate value from the list	
RPA Challenge – Cloud Studio – Saving the automation	
(1) Click on Save	
RPA Challenge – Cloud Studio – Automation saved	

Explanation	Screenshot
	 <p>The screenshot shows the SAP Intelligent Robotic Process Automation Cloud Studio interface. A workflow named "Run RPA Challenge" is displayed. The workflow consists of the following steps:</p> <ul style="list-style-type: none">Download FileOpen Challenges.xlsxRead EmployeesClose Excel InstanceFill FieldsGet result rateScreenshot - ResultsClose ApplicationLog result rate <p>The "Fill Fields" step is highlighted with a yellow background. The "Output Parameters" section on the right shows two variables: "challengeResult" and "resultRate". The status bar at the bottom indicates "100%".</p>